



## Goat Anti-rabbit IgG/HRP antibody

SL0295G-HRP

<b>Product Name:</b>	Goat Anti-rabbit IgG/HRP
<b>Chinese Name:</b>	辣根过氧化物酶标记的羊抗兔IgG
<b>Alias:</b>	Immunoglobulin G
<b>文献引用</b> 	<b>Specific References(78)</b>  SL0295G-HRP has been referenced in 78 publications. <b>[IF=5.21]</b> Ma, Yanqin, et al. "Inflammatory responses induced by fluoride and arsenic at toxic concentration in rabbit aorta." Archives of toxicology 86.6 (2012): 849-856. <b>WB;Rabbit.</b> <a href="#">PubMed:22422340</a>
	<b>[IF=4.26]</b> Wang, Ye-Jun, et al. "Two oral HBx vaccines delivered by live attenuated< i> Salmonella: Both eliciting effective anti-tumor immunity." Cancer letters 263.1 (2008): 67-76. <b>WB;</b> <a href="#">PubMed:18226855</a>
	<b>[IF=4.26]</b> Li, Gang, et al. "Overexpression of human papillomavirus (HPV) type 16 oncoproteins promotes angiogenesis< i> via enhancing HIF-1?? and VEGF expression in non-small cell lung cancer cells."Cancer letters 311.2 (2011): 160-170. <b>WB;Human.</b> <a href="#">PubMed:21868151</a>
	<b>[IF=3.55]</b> Guo, Hong-Feng, et al. "Piezoelectric PU/PVDF electrospun scaffolds for wound healing applications." Colloids and Surfaces B: Biointerfaces (2012). <b>WB;Mouse.</b> <a href="#">PubMed:22503631</a>
	<b>[IF=3.54]</b> Zhang, Boce, Ariella Feldman, and Qin Wang. "A novel insight in rapid allergen detection in food systems: From threshold dose to real-world concentration."Sensors and Actuators B: Chemical?186 (2013): 597-602. <b>ELISA;</b>

[PubMed:not posted yet](#)

[IF=3.06]Zhang, Zi\ji, et al. "iRNA expression profile during osteogenic differentiation of human adipose\derived stem cells."Journal of cellular biochemistry 113.3 (2012): 888-898..cWB;Human.

[PubMed:22371969](#)

[IF=3.06]Li, Guiying, et al. "Gremlin Aggravates Hyperglycemia\Induced Podocyte Injury by a TGF\Smad Dependent Signaling Pathway."ournal of cellular biochemistry?(2013).:WB;Mouse.

[PubMed:23553804](#)

[IF=2.80]Jiang, An, et al. "miR-615-3p promotes the phagocytic capacity of splenic macrophages by targeting ligand-dependent nuclear receptor corepressor in cirrhosis-related portal hypertension." Experimental Biology and Medicine 236.6 (2011): 672-680.WB;Human.

[PubMed:21565892](#)

[IF=2.75]Dong, Xian-Zhe, et al. "A representative prescription for emotional disease, Ding-Zhi-Xiao-Wan restores 5-HT system deficit through interfering the synthesis and transshipment in chronic mild stress-induced depressive Rats." Journal of Ethnopharmacology (2013).WB;Rat.

[PubMed:24184266](#)

[IF=2.70]Peng, Wang, et al. "Attenuation of specific CTL responses by highly efficient transduction of the recombinant adenovirus expressing His-tag-ICP47 fusion gene." Life Science Journal 10.1 (2013).WB;Human.

[PubMed:N/A](#)

[IF=2.70]WANG, Peng, et al. "Construction and identification of a recombinant adenovirus vector expressing His-tag-ICP47 fusion gene." Life Science Journal 9.1 (2012).

[PubMed:N/A](#)

[IF=2.58]Li, Yuping, et al. "Direct detection of rutin degrading isozymes with PAGE."Analytical Biochemistry?(2013).WB;

[IF=2.41]Cong, Liang, et al. "Reducing blood glucose level in T1DM mice by orally administering the silk glands of transgenic< i> hIGF-I silkworms." Biochemical and biophysical research communications 410.4 (2011): 721-725.WB;

[PubMed:21672515](#)

[IF=2.07]Ma, Song-Tao, et al. "Effect of Arctiin on Glomerular Filtration Barrier Damage in STZ-Induced Diabetic Nephropathy Rats." *Phytotherapy Research* (2012).**Rat**.

[IF=1.99]Fan, Tingjun, et al. "Establishment of a continuous untransfected human corneal endothelial cell line and its biocompatibility to denuded amniotic membrane." *Molecular vision* 17 (2011): 469.**Human**.

[PubMed:21365020](#)

[IF=1.89]Yan, Shu, et al. "Expression of endoplasmic reticulum stress-related factors in the retinas of diabetic rats." *Experimental diabetes research* 2012 (2011).**WB;Rat**.

[PubMed:21904541](#)

[IF=1.77]Chen, Cui-Ying, et al. "Characterization of cytotoxicity-related gene expression in response to virulent Marek's disease virus infection in the bursa of Fabricius." *Research in Veterinary Science* (2012).**WB;Chicken**.

[PubMed:23164636](#)

[IF=1.74]Wang, Peng, et al. "Recombinant adenovirus expressing ICP47 gene suppresses the ability of dendritic cells by restricting specific T cell responses." *Cellular Immunology* (2013).**WB;Human**.

[PubMed:23774531](#)

[IF=0.96]Yang, L., et al. "Transplantation of Schwann Cells Differentiated from Adipose-derived Stem Cells Modifies Reactive Gliosis after Contusion Brain Injury in Rats." *Journal of International Medical Research* 39.4 (2011): 1344-1357.**WB;Rat**.

[PubMed:21986135](#)

[IF=0.57]Lu, Shuang, et al. "Preparation and characterization of the polyclonal antibody against GAR domain of microtubule actin cross-linking factor 1 (MACF1)." *Afr. J. Biotechnol* 10 (2011): 2156-2162.**ELISA;Rabbit**.

[PubMed:N/A](#)

[IF=0.34]Feng, Yongqiang, et al. "Combination of ketamine and xylazine exacerbates cardiac dysfunction in severely scalded rats during the shock stage." *Experimental and Therapeutic Medicine* (2013).**WB;Mouse**.

[PubMed:not posted yet](#)

[IF=2.59]Zhang, Huizhen, et al. "Treatment with carnosine reduces hypoxia-ischemia

brain damage in a neonatal rat model." *European Journal of Pharmacology* (2014).**WB**;

[PubMed:24463179](#)

**[IF=3.01]**Wang, Ying, et al. "Iso-suillin from the mushroom *Suillus flavus* induces cell cycle arrest and apoptosis in K562 cell line." *Food and Chemical Toxicology* (2014).**WB**;

[PubMed:24534064](#)

**[IF=3.42]**Xu, R., et al. "Secretoneurin Induces Airway Mucus Hypersecretion by Enhancing the Binding of EGF to NRP1." *Cellular Physiology and Biochemistry* 33.2 (2014): 446-456.**WB;Human.**

[PubMed:24556756](#)

**[IF=1.73]**Zeng, Q. J., et al. "Decorin-induced proliferation of avian myoblasts involves the myostatin/Smad signaling pathway." *Poultry Science* 93.1 (2014): 138-146.**WB**;

[PubMed:24570433](#)

**[IF=3.73]**Chen, Feng, et al. "Up-Regulating CYP3A4 Expression in C3A Cells by Transfection with a Novel Chimeric Regulator of hPXR-p53-AD." *PLOS ONE* 9.5 (2014): e95752.**WB;Human.**

[PubMed:24788541](#)

**[IF=3.50]**Zhang, Peng, et al. "In Situ Tracking the Intracellular Delivery of Antisense Oligonucleotides by Fluorescein Doped Silica Nanoparticles." *Talanta* (2014).**WB**;

[PubMed:24913855](#)

**[IF=7.60]**Gao, Fuping, et al. "Cytotoxicity and therapeutic effect of irinotecan combined with selenium nanoparticles." *Biomaterials* (2014).**IHC-P;Mouse.**

[PubMed:25064805](#)

**[IF=2.43]**Han, Yang, et al. "Role of moxibustion in inflammatory responses during treatment of rat ulcerative colitis." *World Journal of Gastroenterology: WJG* 20.32 (2014): 11297.**other**;

[PubMed:25170214](#)

**[IF=3.39]**Qiao, Hui, et al. "Progressive alterations of hippocampal CA3-CA1 synapses in an animal model of depression." *Behavioural Brain Research* (2014).**WB**;

[PubMed:25192638](#)

**[IF=3.79]**Luo, Xiaoming, et al. "Antimetastasis and antitumor efficacy promoted by sequential release of vascular disrupting and chemotherapeutic agents from electrospun

fibers." International Journal of Pharmaceutics (2014).**IHC-P**;

[PubMed:25218185](#)

**[IF=2.51]** Wang, Jiawei, et al. "Intravitreal triamcinolone acetonide, retinal microglia and retinal ganglion cell apoptosis in the optic nerve crush model." Acta Ophthalmologica (2015).**WB**;

[PubMed:25708663](#)

**[IF=3.53]** Zhang L, Li Y, Dai K, Wen X, Wu R, Huang X, et al. (2015) Establishment of a Successive Markerless Mutation System in Haemophilus parasuis through Natural Transformation. PLoS ONE 10(5): e0127393.**WB**;

[PubMed:25985077](#)

**[IF=1.71]** Yu, Xiuju, et al. "Expression and tissue distribution of hepatocyte growth factor (HGF) and its receptor (c-Met) in alpacas (Vicugna pacos) skins associated with white and brown coat colors." Acta Histochemica (2015).**IHC-P**;

[PubMed:26099836](#)

**[IF=2.09]** Wang, Wei, et al. "Overexpression of heparan sulfate 6-O-sulfotransferase-2 enhances fibroblast growth factor-mediated chondrocyte growth and differentiation." International Journal of Molecular Medicine.**WB**;

[PubMed:26133911](#)

**[IF=1.26]** Zhou, Qi, et al. "Total saponins from Discorea nipponica makino ameliorate urate excretion in hyperuricemic rats." Pharmacognosy Magazine 11.43 (2015): 567.**WB**;

[PubMed:25248048](#)

**[IF=2.23]** Cao, Zhongzan, et al. "Molecular cloning and expression analysis of adiponectin and its receptors (AdipoR1 and AdipoR2) in the hypothalamus of the Huoyan goose during different stages of the egg-laying cycle." Reproductive Biology and Endocrinology 13.1 (2015): 87.**WB**;

[PubMed:26251033](#)

**[IF=1.75]** Zhao, Panpan, et al. "Heat Shock Protein Alteration in the Gastrointestinal Tract Tissues of Chickens Exposed to Arsenic Trioxide." Biological Trace Element Research (2015): 1-13.**WB**;

[PubMed:26257160](#)

**[IF=2.22]** Wang, Chengke, and Zhenxin Wang. "Studying the relationship between cell

cycle and Alzheimer's disease by gold nanoparticle probes." Analytical Biochemistry (2015).**ELISA;Human.**

[PubMed:26299647](#)

**[IF=5.01]**Shi, J., et al. "IL10 inhibits starvation-induced autophagy in hypertrophic scar fibroblasts via cross talk between the IL10-IL10R-STAT3 and IL10-AKT-mTOR pathways." Cell Death & Disease 7.3 (2016): e2133.**WB;**

[PubMed:26962683](#)

**[IF=3.23]**Czajka, Agnieszka Anna, et al. "Family of microRNA-146 Regulates RAR $\beta$  in Papillary Thyroid Carcinoma." PLOS ONE 11.3 (2016): e0151968.**WB;**

[PubMed:27011326](#)

**[IF=3.41]**Czajka, Agnieszka Anna, et al. "Family of microRNA-146 Regulates RAR $\beta$  in Papillary Thyroid Carcinoma." PloS one 11.3 (2016): e0151968.**WB;Human.**

[PubMed:27011326](#)

**[IF=1.27]**Wu, Longyan, et al. "Donepezil delays photoreceptor apoptosis induced by N<sup>?</sup>methyl?N<sup>?</sup>nitrosourea in mice." Experimental and Therapeutic Medicine 11.6 (2016): 2446-2454.**WB;Mouse.**

[PubMed:27284332](#)

**[IF=1.99]**Shi, Hongyan, et al. "ANXA2 Enhances the progression of hepatocellular carcinoma via remodeling the cell motility associated structures." Micron(2016).**WB;**

[PubMed:27060670](#)

**[IF=2.72]**Zhang, Qiang, et al. "Lateral habenula as a link between thyroid and serotonergic system mediates depressive symptoms in hypothyroidism rats." Brain Research Bulletin (2016).**WB;Rat.**

[PubMed:27185576](#)

**[IF=2.90]**Zhang, Jianhai, et al. "Sodium fluoride and sulfur dioxide affected male reproduction by disturbing blood-testis barrier in mice." Food and Chemical Toxicology (2016).**WB;Mouse.**

[PubMed:27237588](#)

**[IF=4.50]**Yang, Wei, et al. "Clock gene Bmal1 modulates human cartilage gene expression by crosstalk with Sirt1." Endocrinology (2016): en-2015.**IHC-P;**

[PubMed:27253997](#)

**[IF=3.40]**Guo, Yidi, et al. "GATA2 regulates GATA1 expression through LSD1-

mediated histone modification." Am J Transl Res 8.5 (2016): 2265-2274.**WB**;

[PubMed:27347333](#)

**[IF=5.58]**Liu, Cong, et al. "Ghrelin accelerates wound healing through GHS-R1a-mediated MAPK-NF- $\kappa$ B/GR signaling pathways in combined radiation and burn injury in rats." Scientific Reports 6 (2016): 27499.**WB**;

[PubMed:27271793](#)

**[IF=2.32]**Wen, Yiping, et al. "Immunogenicity of the recombinant HxuCBA proteins encoded by hxuCBA gene cluster of Haemophilus parasuis in mice." Gene(2016).**WB**;

[PubMed:27378742](#)

**[IF=1.70]**Huang, Chao, and Bin Wen. "Phenotype transformation of immortalized NCM460 colon epithelial cell line by TGF- $\beta$ 1 is associated with chromosome instability." Molecular Biology Reports: 1-10.**IF(ICC);Human**.

[PubMed:27401062](#)

**[IF=6.01]**Chen, Zhoujiang, et al. "Tunable conjugation densities of camptothecin on hyaluronic acid for tumor targeting and reduction-triggered release." Acta Biomaterialia (2016).**IHC-P;Mouse**.

[PubMed:27424081](#)

**[IF=3.35]**Li, Xu, et al. "Oxidative stress induces the decline of brain EPO expression in aging rats." Experimental Gerontology (2016).**WB;Rat**.

[PubMed:27452792](#)

**[IF=0.73]**Zhou, Peifu, et al. "CHARACTERIZATION OF A TUBERCULOSIS PATIENT'S SERA REACTIVE MYCOBACTERIUM TUBERCULOSIS TRANSCRIPTION FACTOR RV2175C." Journal of Immunoassay and Immunochemistry 35.2 (2014): 173-182.**ELISA;Human**.

[PubMed:24295180](#)

**[IF=2.30]**Mo, Xian-Gang, et al. "Suppression of NHE1 by small interfering RNA inhibits HIF-1 $\alpha$ -induced angiogenesis in vitro via modulation of calpain activity." Microvascular research 81.2 (2011): 160-168.**WB**;

[PubMed:21185840](#)

**[IF=1.38]**Huang, Chen, et al. "Expression, purification, and functional characterization of recombinant PTD-SARA." Acta biochimica et biophysica Sinica 43.2 (2011): 110-117.**WB**;

[PubMed:21266541](#)

[IF=2.77]Goat Anti-Rabbit IgG Antibody (H+L), HRP Conjugated**WB;All.**

[PubMed:25177911](#)

[IF=1.28]Huang, Sheng?Li, Jian Jiao, and Hong?Wei Yan. "Hydrogen-rich saline attenuates steroid-associated femoral head necrosis through inhibition of oxidative stress in a rabbit model." *Experimental and therapeutic medicine*11.1 (2016): 177-182.**IHC-P;Rabbit.**

[PubMed:26889236](#)

[IF=4.36]Yin, Fuqiang, et al. "Microarray-based identification of genes associated with cancer progression and prognosis in hepatocellular carcinoma." *Journal of Experimental & Clinical Cancer Research* 35.1 (2016): 127.**WB;Human.**

[PubMed:27567667](#)

[IF=3.70]Zhao, Panpan, et al. "Neurotoxicity induced by arsenic in Gallus Gallus: Regulation of oxidative stress and heat shock protein response." *Chemosphere* 166 (2016): 238-245.**WB;Chicken.**

[PubMed:27697713](#)

[IF=2.55]Yuan, Xianli, et al. "IL-38 alleviates concanavalin A-induced liver injury in mice." *International Immunopharmacology* 40 (2016): 452-457.**WB;All.**

[PubMed:27723569](#)

[IF=0.18]Duan, Dong-mei, et al. "Antidepressant effect of electroacupuncture regulates signal targeting in the brain and increases brain-derived neurotrophic factor levels." *Neural Regeneration Research* 11.10 (2016): 1595.**WB;**

[PubMed:0](#)

[IF=4.17]Li, Ying, et al. "A TolC-Like Protein of *Actinobacillus pleuropneumoniae* Is Involved in Antibiotic Resistance and Biofilm Formation." *Frontiers in Microbiology* 7 (2016).**WB;**

[PubMed:27822201](#)

[IF=1.29]Huang, Qingshui, et al. "Interleukin-17A-Induced Epithelial-Mesenchymal Transition of Human Intrahepatic Biliary Epithelial Cells: Implications for Primary Biliary Cirrhosis." *The Tohoku Journal of Experimental Medicine*240.4 (2016): 269-275.**WB;**

[PubMed:27916760](#)



[IF=5.23]Hu, Feihu, et al. "MiR-218 Induces Neuronal Differentiation of ASCs in a Temporally Sequential Manner with Fibroblast Growth Factor by Regulation of the Wnt Signaling Pathway." Scientific Reports 7 (2017): 39427.WB;

[PubMed:28045049](#)

[IF=1.28]Zhang, Zhuo, et al. "Asiaticoside ameliorates  $\beta$ -amyloid-induced learning and memory deficits in rats by inhibiting mitochondrial apoptosis and reducing inflammatory factors." Experimental and Therapeutic Medicine 13.2 (2017): 413-420.WB;

[PubMed:28352309](#)

[IF=2.37]Zhu, Yue, et al. "Effect of TCEA3 on the differentiation of bovine skeletal muscle satellite cells." Biochemical and Biophysical Research Communications (2017).WB;

[PubMed:28161635](#)

[IF=3.39]Li, Yanhui, et al. "Role of the Lateral Habenula in Pain-Associated Depression." Frontiers in Behavioral Neuroscience 11 (2017): 31.WB;

[PubMed:28270756](#)

[IF=0.00]朱镕鑫, et al. "Ghrelin 信号通路在有氧运动对高胆固醇血症小鼠心肌损伤保护中的作用."WB;

[PubMed:0](#)

[IF=1.58]Xiang, Daijun, et al. "Application of co-immunoprecipitation coupled LC-MS/MS for identification of sperm immunogenic membrane antigens." Int J Clin Exp Pathol 10.4 (2017): 4198-4209.WB;

[PubMed:0](#)

[IF=2.39]Hu, Feihu, et al. "Deep sequencing reveals complex mechanisms of microRNA regulation during retinoic acid-induced neuronal differentiation of mesenchymal stem cells." Genomics (2017).WB;

[PubMed:28502702](#)

[IF=3.14]Liu, Yaowen, Shuyao Wang, and Rong Zhang. "Composite poly (lactic acid)/chitosan nanofibrous scaffolds for cardiac tissue engineering." International Journal of Biological Macromolecules (2017).WB;

[PubMed:28528953](#)

[IF=1.56]Jiang, Ke, et al. "Effect of transforming growth factor- $\beta$ 3 on the expression of

	<p>Smad3 and Smad7 in tenocytes." Molecular medicine reports 13.4 (2016): 3567-3573.  <a href="#">PubMed:26935007</a></p> <p><b>[IF=1.64]</b>Sun, Xiao, et al. "Arsenic affects inflammatory cytokine expression in Gallus gallus brain tissues." BMC Veterinary Research 13.1 (2017): 157.<b>WB</b>;  <a href="#">PubMed:28583123</a></p> <p><b>[IF=1.70]</b>Huang, Chao, and Bin Wen. "Phenotype transformation of immortalized NCM460 colon epithelial cell line by TGF-β1 is associated with chromosome instability." Molecular Biology Reports 43.10 (2016): 1069-1078.<b>WB</b>;  <a href="#">PubMed:27401062</a></p> <p><b>[IF=1.75]</b>Vinothkumar, G., et al. "Abnormal Amyloid β 42 expression and increased oxidative stress in plasma of CKD patients with cognitive dysfunction: A small scale case control study comparison with Alzheimer's disease." BBA Clinical (2017).<b>WB</b>;  <a href="#">PubMed:28702365</a></p> <p><b>[IF=3.91]</b>Dong, Wei-tao, et al. "iTRAQ proteomic analysis of the interactions between Bombyx mori nuclear polyhedrosis virus and silkworm." Journal of Proteomics (2017).<b>WB</b>;  <a href="#">PubMed:0</a></p> <p><b>[IF=8.71]</b>Yu, Peng, et al. "Bone-Inspired Spatially Specific Piezoelectricity Induces Bone Regeneration." Theranostics (2017).  <a href="#">PubMed:0</a></p>
<b>Organism Species:</b>	Goat
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Rb
<b>Applications:</b>	WB=1:1000-10000ELISA=1:1000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	150kDa
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	2mg/1ml
<b>immunogen:</b>	Full length plasma protein:
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Storage: Store at -20 oC for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20oC. When reconstituted in sterile distilled water or diluent supplied, theantibody is stable for at least two weeks at 2-4 °C.

<b>Product Detail:</b>	<p>Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 10<sup>11</sup> variants.</p> <p><b>Important Note:</b> This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.</p>
------------------------	--

[www.sunlongbiotech.com](http://www.sunlongbiotech.com)