




## Rabbit Anti-PGC1 beta antibody

SL7534R

<b>Product Name:</b>	PGC1 beta
<b>Chinese Name:</b>	过氧化物酶体增殖物激活受体 $\gamma$ 辅激活子1 $\beta$ 抗体
<b>Alias:</b>	PERC; peroxisome proliferative activated receptor, gamma, coactivator 1; peroxisome proliferator-activated receptor gamma coactivator 1 beta; Peroxisome proliferator-activated receptor gamma coactivator 1-beta; peroxisome proliferator-activated receptor gamma, coactivator 1 beta; PGC-1(beta); PGC-1-beta; PGC-1-related estrogen receptor alpha coactivator; PGC1; PPAR gamma coactivator-1beta; PPAR-gamma coactivator 1-beta; PPARGC-1-beta; PPARGC1; Ppargc1b; PRGC2 HUMAN.
<b>文献引用</b> 	<b>Specific References(1)</b>  SL7534R has been referenced in 1 publications. <b>[IF=4.12]</b> Zhou, Jing-Jing, et al. "Down-regulating peroxisome proliferator-activated receptor-gamma coactivator-1beta alleviates the proinflammatory effect of rheumatoid arthritis fibroblast-like synoviocytes through inhibiting extracellular signal-regulated kinase, p38 and nuclear factor-kappaB activation." Arthritis Research & Therapy 16.5 (2014): 472. <b>IHC-P;Human.</b> <a href="https://pubmed.ncbi.nlm.nih.gov/25367151/">PubMed:25367151</a>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Guinea Pig,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	113kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml

<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human PGC1 beta:901-1023/1023
<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>	Store at -20 °C 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 -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>Plays a role of stimulator of transcription factors and nuclear receptors activities. Activates transcriptional activity of estrogen receptor alpha, nuclear respiratory factor 1 (NRF1) and glucocorticoid receptor in the presence of glucocorticoids. May play a role in constitutive non-adrenergic-mediated mitochondrial biogenesis as suggested by increased basal oxygen consumption and mitochondrial number when overexpressed. May be involved in fat oxidation and non-oxidative glucose metabolism and in the regulation of energy expenditure.</p> <p>Tissue specificity: Ubiquitous with higher expression in heart, brain and skeletal muscle.</p> <p><b>Function:</b> Plays a role of stimulator of transcription factors and nuclear receptors activities. Activates transcriptional activity of estrogen receptor alpha, nuclear respiratory factor 1 (NRF1) and glucocorticoid receptor in the presence of glucocorticoids. May play a role in constitutive non-adrenergic-mediated mitochondrial biogenesis as suggested by increased basal oxygen consumption and mitochondrial number when overexpressed. May be involved in fat oxidation and non-oxidative glucose metabolism and in the regulation of energy expenditure.</p> <p><b>Subunit:</b> Interacts with hepatocyte nuclear factor 4-alpha/HNF4A, Sterol regulatory binding transcription factor 1/SREBF1, PPAR-alpha/PPARA, thyroid hormone receptor beta/THRB and host cell factor/HCF1. Interacts with estrogen-related receptor gamma/ESRRG and alpha/ESRA. Interacts with PRDM16 (By similarity). Interacts with estrogen receptor alpha/ESR1.</p> <p><b>Subcellular Location:</b> Nucleus.</p> <p><b>Tissue Specificity:</b> Ubiquitous with higher expression in heart, brain and skeletal muscle.</p> <p><b>Similarity:</b> Contains 1 RRM (RNA recognition motif) domain.</p> <p><b>SWISS:</b> Q86YN6</p>

**Gene ID:**  
133522

**Database links:**

UniProtKB/Swiss-Prot: Q86YN6.2

- [Entrez Gene: 133522](#)Human
- [Entrez Gene: 170826](#)Mouse
- [Entrez Gene: 291567](#)Rat
- [Omin: 608886](#)Human
- [SwissProt: Q86YN6](#)Human
- [SwissProt: Q8VHJ7](#)Mouse
- [SwissProt: Q811R2](#)Rat
- [Unigene: 483816](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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