



Rabbit Anti-GPX1 antibody

SL3882R

Product Name:	GPX1
Chinese Name:	谷胱甘肽过氧化酶1
Alias:	Glutathione peroxidase 1; Cellular glutathione peroxidase; GPx 1; GPx-1; GPX1; GPX1_HUMAN; GSHPx-1; GSHPX1; MGC14399; MGC88245.
文献引用 PubMed :	<p>Specific References(3) SL3882R has been referenced in 3 publications.</p> <p>[IF=2.89]Miyamoto, Kazuyuki, et al. "PACAP38 Suppresses Cortical Damage in Mice with Traumatic Brain Injury by Enhancing Antioxidant Activity." Journal of Molecular Neuroscience (2014): 1-10.WB;Mouse. PubMed:24907941</p> <p>[IF=3.85]Wang, Yandi, et al. "Regulation of steroid hormones and energy status with cysteamine and its effect on spermatogenesis." Toxicology and Applied Pharmacology (2016).IHC-P;Sheep. PubMed:27815134</p> <p>[IF=5.23]Zhao, Yong, et al. "Hydrogen Sulfide and/or Ammonia Reduces Spermatozoa Motility through AMPK/AKT Related Pathways." Scientific Reports 6 (2016): 37884.WB;Pig. PubMed:27883089</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,Guinea Pig,
Applications:	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.

Molecular weight:	22kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from mouse Glutathione Peroxidase 1:51-150/201
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	<p>This gene product belongs to the family of glutathione peroxidase, which functions in the detoxification of hydrogen peroxide. It contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon, which normally signals translation termination. The 3' UTR of Sec-containing genes have a common stem-loop structure, the sec insertion sequence (SECIS), which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. [provided by RefSeq].</p> <p>Subunit: Homotetramer. Interacts with MIEN1 (By similarity).</p> <p>Subcellular Location: Cytoplasm.</p> <p>Similarity: Belongs to the glutathione peroxidase family.</p> <p>SWISS: P11352</p> <p>Gene ID: 2876</p> <p>Database links:</p> <p>Entrez Gene: 461015 Chimpanzee</p> <p>Entrez Gene: 281209 Cow</p> <p>Entrez Gene: 2876 Human</p> <p>Entrez Gene: 706732 Macaque Monkey</p>

[Entrez Gene: 14775](#) Mouse

[Entrez Gene: 100438450](#) Orangutan

[Entrez Gene: 397403](#) Pig

[Entrez Gene: 24404](#) Rat

[Omim: 138320](#) Human

[SwissProt: Q0EFA0](#) Chimpanzee

[SwissProt: P00435](#) Cow

[SwissProt: P07203](#) Human

[SwissProt: Q865R2](#) Macaque Monkey

[SwissProt: P11352](#) Mouse

[SwissProt: Q4AEI3](#) Orangutan

[SwissProt: Q8MJ14](#) Pig

[SwissProt: P04041](#) Rat

[Unigene: 76686](#) Human

[Unigene: 1090](#) Mouse

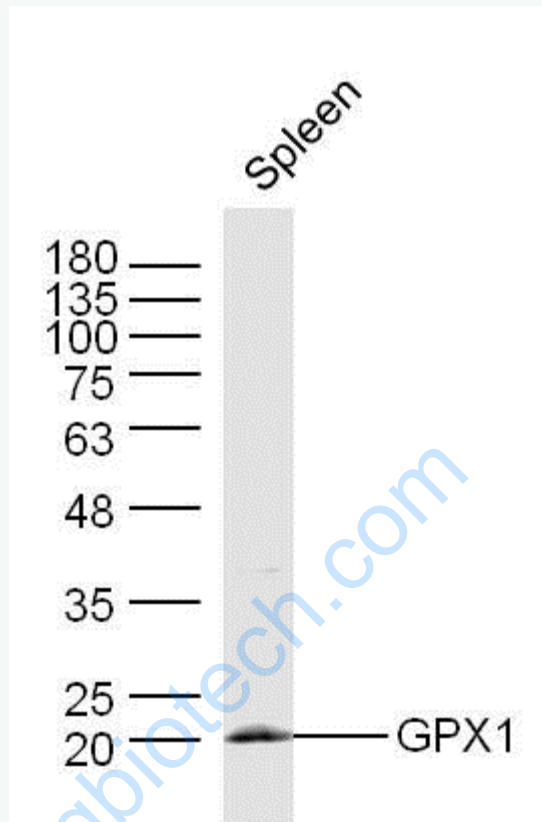
[Unigene: 11323](#) Rat

Important Note:

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

保护红细胞中血红蛋白的氧化分解.

Picture:



Sample: Spleen (Mouse) Lysate at 40 ug

Primary: Anti- GPX1 (SL3882R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 22 kD

Observed band size: 22 kD