

Anti-GPX1 / Glutathione Peroxidase Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18138**Specification**

Anti-GPX1 / Glutathione Peroxidase Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P07203
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	22088
Dilution	WB~~1:1000 IHC-P~~N/A

Anti-GPX1 / Glutathione Peroxidase Antibody - Additional Information**Gene ID** 2876**Alias Symbol** **GPX1****Other Names**

GPX1, Glutathione peroxidase, GSHPx-1, Glutathione peroxidase 1, GPx-1, GSHPX1, GPXD

Target/Specificity

Human GPX1 / Glutathione Peroxidase

Reconstitution & Storage

Affinity purified

Precautions

Anti-GPX1 / Glutathione Peroxidase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-GPX1 / Glutathione Peroxidase Antibody - Protein Information**Name** GPX1 ([HGNC:4553](#))**Function**

Catalyzes the reduction of hydroperoxides in a glutathione- dependent manner thus regulating cellular redox homeostasis (PubMed: [11115402](http://www.uniprot.org/citations/11115402), PubMed: [36608588](http://www.uniprot.org/citations/36608588)). Can reduce small soluble hydroperoxides such as H₂O₂, cumene hydroperoxide and tert-butyl hydroperoxide, as well as several fatty acid-derived hydroperoxides (PubMed: [11115402](http://www.uniprot.org/citations/11115402), PubMed: [36608588](http://www.uniprot.org/citations/36608588)). In platelets catalyzes the reduction of 12-hydroperoxyeicosatetraenoic acid, the primary product of the arachidonate 12-lipoxygenase

pathway (PubMed:11115402).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P11352}. Mitochondrion {ECO:0000250|UniProtKB:P11352}

Tissue Location

Expressed in platelets (at protein level).

Anti-GPX1 / Glutathione Peroxidase Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-GPX1 / Glutathione Peroxidase Antibody - Images