

**Glutathione Peroxidase 1 Rabbit mAb**  
Catalog # AP78615**Specification****Glutathione Peroxidase 1 Rabbit mAb - Product Information**

Application	WB, IP
Primary Accession	<a href="#">P07203</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	22088

**Glutathione Peroxidase 1 Rabbit mAb - Additional Information**

Gene ID 2876

**Other Names**

GPX1

**Format**

Liquid

**Glutathione Peroxidase 1 Rabbit mAb - 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) target="\_blank">11115402</a>, PubMed: [36608588](http://www.uniprot.org/citations/36608588) target="\_blank">36608588</a>). Can reduce small soluble hydroperoxides such as H<sub>2</sub>O<sub>2</sub>, cumene hydroperoxide and tert-butyl hydroperoxide, as well as several fatty acid-derived hydroperoxides (PubMed: [11115402](http://www.uniprot.org/citations/11115402) target="\_blank">11115402</a>, PubMed: [36608588](http://www.uniprot.org/citations/36608588) target="\_blank">36608588</a>). In platelets catalyzes the reduction of 12-hydroperoxyeicosatetraenoic acid, the primary product of the arachidonate 12-lipoxygenase pathway (PubMed: [11115402](http://www.uniprot.org/citations/11115402) target="\_blank">11115402</a>).

**Cellular Location**

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

**Tissue Location**

Expressed in platelets (at protein level).

**Glutathione Peroxidase 1 Rabbit mAb - 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](#)

**Glutathione Peroxidase 1 Rabbit mAb - Images**