

**Glutathione Synthetase Rabbit mAb**  
Catalog # AP75502**Specification**

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**Glutathione Synthetase Rabbit mAb - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P48637</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	52385

**Glutathione Synthetase Rabbit mAb - Additional Information**

Gene ID 2937

**Other Names**

GSS

**Dilution**

WB~~1/500-1/1000

IHC~~1/50-1/100

**Format**

Liquid

**Glutathione Synthetase Rabbit mAb - Protein Information**Name GSS ([HGNC:4624](#))**Function**

Catalyzes the production of glutathione from gamma- glutamylcysteine and glycine in an ATP-dependent manner (PubMed: [7646467](http://www.uniprot.org/citations/7646467), PubMed: [9215686](http://www.uniprot.org/citations/9215686)). Glutathione (gamma- glutamylcysteinylglycine, GSH) is the most abundant intracellular thiol in living aerobic cells and is required for numerous processes including the protection of cells against oxidative damage, amino acid transport, the detoxification of foreign compounds, the maintenance of protein sulfhydryl groups in a reduced state and acts as a cofactor for a number of enzymes (PubMed: [10369661](http://www.uniprot.org/citations/10369661)). Participates in ophthalmate biosynthesis in hepatocytes (By similarity).

**Glutathione Synthetase 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 Synthetase Rabbit mAb - Images

