

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

Glutathione Synthetase Rabbit mAb - Product Information

| | |
|-------------------|------------------------|
| Application | WB, IHC |
| Primary Accession | P48637 |
| 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

