

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

Glutathione Synthetase Rabbit mAb - Product Information

Application	WB, IHC-P, IHC-F, ICC
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-P~~N/A
IHC-F~~N/A
ICC~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**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:<[a href="http://www.uniprot.org/citations/7646467" target="_blank">7646467](http://www.uniprot.org/citations/7646467)>, PubMed:<[a href="http://www.uniprot.org/citations/9215686" target="_blank">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:<[a href="http://www.uniprot.org/citations/10369661" target="_blank">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

