

# Glutathione Synthetase Rabbit mAb

Catalog # AP75502

## Product Information

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

## Additional Information

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<b>Gene ID</b>	2937
<b>Other Names</b>	GSS
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A ICC~~N/A
<b>Format</b>	Liquid

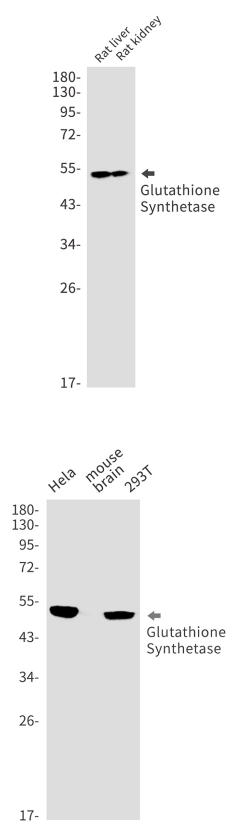
## Protein Information

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<b>Name</b>	GSS ( <a href="#">HGNC:4624</a> )
<b>Function</b>	Catalyzes the production of glutathione from gamma- glutamylcysteine and glycine in an ATP-dependent manner (PubMed: <a href="#">7646467</a> , PubMed: <a href="#">9215686</a> ). 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="#">10369661</a> ). Participates in ophthalmate biosynthesis in hepatocytes (By similarity).

## Images

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