

GSS

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 52kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human GSS

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GSS;GSHS;MGC14098 ;

Catalog #: A1069

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2937

Isotype: IgG

Swiss Prot: P48637

Purity: Affinity purification

For research use only.

Background:

Glutathione is important for a variety of biological functions, including protection of cells from oxidative damage by free radicals, detoxification of xenobiotics, and membrane transport. The protein encoded by this gene functions as a homodimer to catalyze the second step of glutathione biosynthesis, which is the ATP-dependent conversion of gamma-L-glutamyl-L-cysteine to glutathione. Defects in this gene are a cause of glutathione synthetase deficiency. [provided by RefSeq, Jul 2008]

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