

Rabbit Glutathione Synthetase Polyclonal Antibody | anti-GSS antibody

Glutathione Synthetase Polyclonal Antibody

CATALOG # AAA178916	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Glutathione Synthetase; Polyclonal Antibody; Glutathione Synthetase Polyclonal Antibody; GSS; GSHS; HEL-S-64p; HEL-S-88n; anti-GSS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GSS antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human Glutathione Synthetase
Research Area	Cancer, Cell Biology, Metabolism, Neuroscience, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



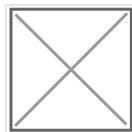
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using Glutathione Synthetase Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using Glutathione Synthetase Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using Glutathione Synthetase Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GSS antibody	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.
Product Categories/Family for anti-GSS antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	1346191
NCBI GeneID	2937
UniProt Accession #	P48637; Q4TTD9; B2R697; B6F210; E1P5P9
Molecular Weight	474
NCBI Official Full Name	Glutathione synthetase
NCBI Official Synonym Full Names	glutathione synthetase
NCBI Official Symbol	GSS
NCBI Official Synonym Symbols	GSHS; HEL-S-64p; HEL-S-88n
NCBI Protein Information	glutathione synthetase; GSH-S; GSH synthetase; glutathione synthase; epididymis secretory sperm binding protein Li 64p; epididymis secretory sperm binding protein Li 88n
UniProt Protein Name	Glutathione synthetase
UniProt Gene Name	GSS
UniProt Synonym Gene Names	GSH synthetase; GSH-S
UniProt Entry Name	GSHB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glutathione-synthetase-antibody-immunofluorescence-western-blot-elisa/178916>