

Glutathione Synthetase Monoclonal Antibody | anti-GSS antibody

Glutathione Synthetase Rabbit mAb

CATALOG # AAA314527	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Glutathione Synthetase; Monoclonal Antibody; Glutathione Synthetase Rabbit mAb; GSHS; HEL-S-64p; HEL-S-88n; anti-GSS antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	S07-2B0
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-GSS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Glutathione Synthetase
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Glutathione Synthetase in paraffin-embedded Human Cholangiocarcinoma using Glutathione Synthetase Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of Glutathione Synthetase in Hela, A549 cell lysates using Glutathione Synthetase Rabbit mAb(1:1000 diluted). Predicted band size: 52kDa. Observed band size: 52kDa.

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. [provided by RefSeq, Jul 2008]

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/monoclonal/glutathione-synthetase-antibody-clone-s07-2b0-immunohistochemistry-western-blot-elisa/314527>