

Rabbit GSS Polyclonal Antibody | anti-GSS antibody

GSS Antibody

CATALOG # AAA234569	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

GSS; Polyclonal Antibody; GSS Antibody; Glutathione synthetase; GSH synthetase; GSH-S; Glutathione synthase; anti-GSS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	474
Applicable Applications for anti-GSS antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Glutathione synthetase protein (290-418AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



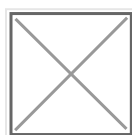
IHC (Immunohistochemisry)

IHC image of AAA234569 diluted at 1:500 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohiostchemistry)

IHC image of AAA234569 diluted at 1:500 and staining in paraffin-embedded human cervical cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: K562 whole cell lysate, Rat kidney tissue, Mouse liver tissue, Mouse kidney tissueAll lanes: GSS antibody at 5.1ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 53, 41 KDaObserved band size: 53 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-GSS antibody	cytosol, extracellular exosome, ATP binding, glutathione binding, glutathione synthase activity, identical protein binding, magnesium ion binding, protein homodimerization activity, cellular amino acid metabolic process, glutathione biosynthetic process
Product Categories/Family for anti-GSS antibody	Neuroscience; Cell biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504169
NCBI GeneID	2937
NCBI Accession #	NP_000169.1
NCBI GenBank Nucleotide #	NM_000178.3
UniProt Accession #	P48637; Q4TTD9; B2R697; B6F210; E1P5P9
Molecular Weight	40,349 Da
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
UniProt Protein Name	Glutathione synthetase
UniProt Gene Name	GSS
UniProt Synonym Gene Names	GSH synthetase; GSH-S

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/gss-antibody-immunohistochemistry-western-blot-elisa/234569>