

Rabbit anti-Human GLS Polyclonal Antibody | anti-GLS antibody

GLS Antibody

CATALOG # AAA305122	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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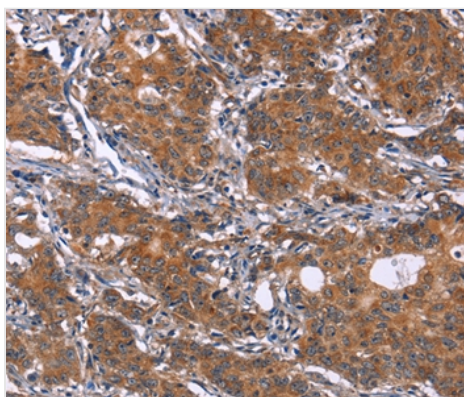
PRODUCT SYNONYMS

GLS; Polyclonal Antibody; GLS Antibody; GAC; GAM; KGA; GLS1; AAD20; anti-GLS antibody

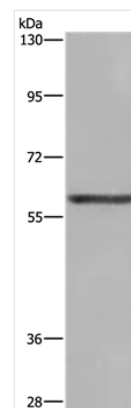
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GLS protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.7 mg/ml (varies by lot)
Sequence Length	598
Applicable Applications for anti-GLS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human glutaminase
Target Name	GLS
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using at dilution 1/25.


Application Data

Gel: 6%SDS-PAGE Lysate: 40ug HepG2 cell Primary antibody: 1/400 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 second

ADDITIONAL INFORMATION

Related Product Information for anti-GLS antibody	This gene encodes the K-type mitochondrial glutaminase. The encoded protein is an phosphate-activated amidohydrolase that catalyzes the hydrolysis of glutamine to glutamate and ammonia. This protein is primarily expressed in the brain and kidney plays an essential role in generating energy for metabolism, synthesizing the brain neurotransmitter glutamate and maintaining acid-base balance in the kidney. Alternate splicing results in multiple transcript variants.
Product Categories/Family for anti-GLS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	373251164
NCBI GeneID	2744
NCBI Accession #	NP_001243239.1
NCBI GenBank Nucleotide #	NM_001256310.1
UniProt Accession #	O94925; Q9UL05; Q9UL06; Q9UL07; Q9UN40
Molecular Weight	SDS-PAGE MW: 73kd
NCBI Official Full Name	glutaminase kidney isoform, mitochondrial isoform 2
NCBI Official Synonym Full Names	glutaminase
NCBI Official Symbol	GLS
NCBI Official Synonym Symbols	GAC; GAM; KGA; GLS1; AAD20
NCBI Protein Information	glutaminase kidney isoform, mitochondrial
UniProt Protein Name	Glutaminase kidney isoform, mitochondrial
UniProt Gene Name	GLS
UniProt Synonym Gene Names	GLS1; KIAA0838; GLS
UniProt Entry Name	GLSK_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/gls-antibody-immunohistochemistry-western-blot-elisa/305122>