

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

GLS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229355	Rabbit	Human, mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

GLS; Polyclonal Antibody; GLS Antibody; Glutaminase kidney isoform; mitochondrial; K-glutaminase; L-glutamine amidohydrolase; GLS1; KIAA0838; anti-GLS antibody

PRODUCT SPECIFICATIONS

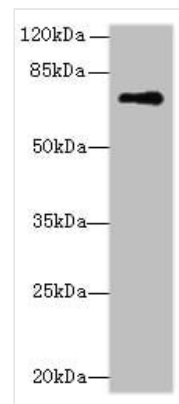
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	598
Applicable Applications for anti-GLS antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Glutaminase kidney isoform, mitochondrial protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26646
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA229355 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: GLS antibody at 5ug/ml+Mouse brain tissueGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 74,18,66 kDaObserved band size: 73 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GLS antibody	Catalyzes the first reaction in the primary pathway for the renal catabolism of glutamine. Plays a role in maintaining acid-base homeostasis. Regulates the levels of the neurotransmitter glutamate in the brain. Isoform 2 lacks catalytic activity.
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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	65,460 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/gls-antibody-immunohistochemistry-western-blot-elisa/229355>