

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

GLS Antibody (C-Term)

CATALOG # AAA290537	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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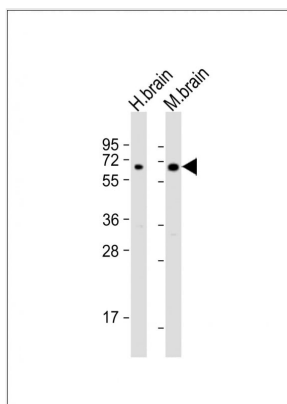
PRODUCT SYNONYMS

GLS; Polyclonal Antibody; GLS Antibody (C-Term); Purified Rabbit Polyclonal Antibody (Pab); Glutaminase kidney isoform; mitochondrial; K-glutaminase; L-glutamine amidohydrolase; GLS1; KIAA0838; anti-GLS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Ig
Specificity	This GLS antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 555-587 amino acids from human GLS.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	598
Applicable Applications for anti-GLS antibody	WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-GLS Antibody (C-Term) at 1:2000 dilution
Lane 1: human brain lysate
Lane 2: mouse brain lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 73 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

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.
Product Categories/Family for anti-GLS antibody	Crown Antibodies; Metabolism; Neuroscience; Signal Transduction
References	Elgadi K.M.,et al.Physiol. Genomics 1:51-62(1999). Nagase T.,et al.DNA Res. 5:355-364(1998). Chavez R.A.,et al.Submitted (JAN-2000) to the EMBL/GenBank/DDBJ databases. Holcomb T.,et al.Brain Res. Mol. Brain Res. 76:56-63(2000). Turner A.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.

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	73461
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://www.aaabiotech.com/polyclonal/gls-antibody-western-blot-elisa/290537>