

Rabbit GLS Polyclonal Antibody | anti-GLS antibody

GLS antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200463	Rabbit	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

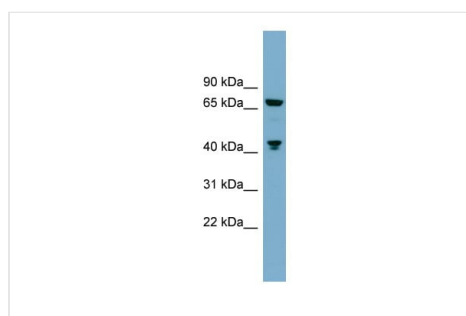
PRODUCT SYNONYMS

GLS; Polyclonal Antibody; GLS antibody - C-terminal region; anti-GLS antibody

PRODUCT SPECIFICATIONS

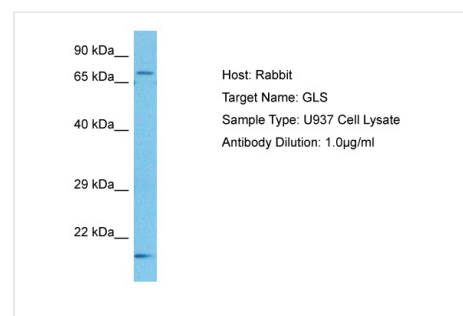
Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VN PFPKDRWNNT PMDEALHFGH HDVFKILQEY QVQYTPQGDS DNGKENQT
Sequence Length	669
Applicable Applications for anti-GLS antibody	WB (Western Blot)
Homology	Dog: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 86%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the c terminal region of human GLS
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



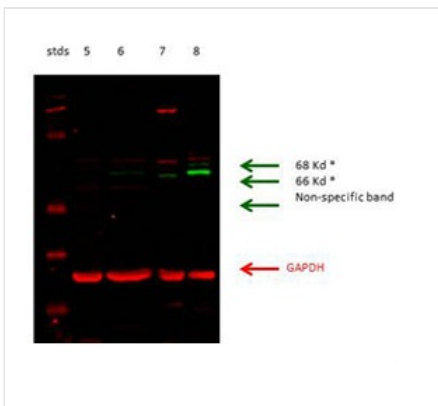
WB (Western Blot)

WB Suggested Anti-GLS Antibody Titration: 0.2-1 ug/ml
Positive Control: ACHN cell lysate
GLS is strongly supported by BioGPS gene expression data to be expressed in Human ACHN cells



WB (Western Blot)

Host: Rabbit
Target Name: GLS
Sample Type: U937 Cell Lysate
Antibody Dilution: 1.0 µg/ml



WB (Western Blot)

GLS antibody - C-terminal region validated by WB using Cortex/Kidney/Brain at 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-GLS antibody	This is a rabbit polyclonal antibody against GLS. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Sahai (1983) [PubMed 6825316] demonstrated phosphate-activated glutaminase (EC 3.5.1.2) in human platelets. It is the major enzyme yielding glutamate from glutamine. Significance of the enzyme derives from its possible implication in behavior disturbances
Product Categories/Family for anti-GLS antibody	Polyclonal; Signal Proteins; Drugs and Drug Metabolism; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	156104878
NCBI GeneID	2744
NCBI Accession #	NP_055720
NCBI GenBank Nucleotide #	NM_014905
UniProt Accession #	O94925
Molecular Weight	73kDa
NCBI Official Full Name	glutaminase kidney isoform, mitochondrial isoform 1
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.