

Rabbit GLS2 Polyclonal Antibody | anti-GLS2 antibody

GLS2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199280	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

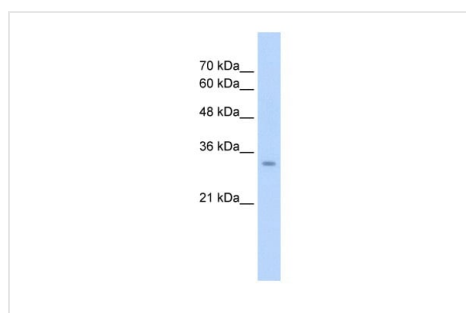
PRODUCT SYNONYMS

GLS2; Polyclonal Antibody; GLS2 antibody - middle region; anti-GLS2 antibody

PRODUCT SPECIFICATIONS

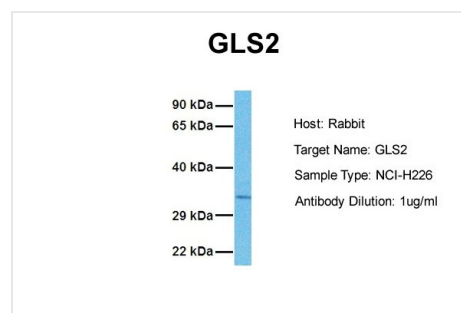
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: FV GKEPSGLRYN KLSLNEEGIP HNPVMNAGAI VVSLIKMDC NKA EK FDF
Sequence Length	327
Applicable Applications for anti-GLS2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GLS2
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



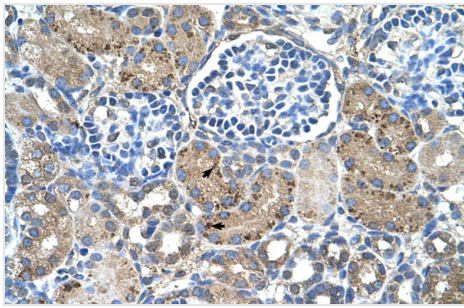
WB (Western Blot)

WB Suggested Antibody Titration: 2.5ug/ml Positive Control: HepG2 GLS2 is supported by BioGPS gene expression data to be expressed in HepG2



WB (Western Blot)

Host: Rabbit Target Name: GLS2 Sample Tissue: Human NCI-H226 Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-GLS2 antibody	This is a rabbit polyclonal antibody against GLS2. It was validated on Western Blot and immunohistochemistry Target Description: GLS2 is a mitochondrial phosphate-activated glutaminase that catalyzes the hydrolysis of glutamine to stoichiometric amounts of glutamate and ammonia. This protein is functionally similar to the kidney glutaminase but is a little smaller in size. Originally thought to be liver-specific, this protein has been found in other tissues as well.
Product Categories/Family for anti-GLS2 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Neuroscience; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	119617348
NCBI GeneID	27165
NCBI Accession #	EAW96942
NCBI GenBank Nucleotide #	NM_013267
UniProt Accession #	Q9UI32
Molecular Weight	36kDa
NCBI Official Full Name	glutaminase 2 (liver, mitochondrial), isoform CRA_a
NCBI Official Synonym Full Names	glutaminase 2
NCBI Official Symbol	GLS2
NCBI Official Synonym Symbols	GA; GLS; LGA; hLGA
NCBI Protein Information	glutaminase liver isoform, mitochondrial
UniProt Protein Name	Glutaminase liver isoform, mitochondrial
UniProt Gene Name	GLS2
UniProt Synonym Gene Names	GA; GLS
UniProt Entry Name	GLSL_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.