

Rabbit GLUL Polyclonal Antibody | anti-GLUL antibody

GLUL antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200948	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

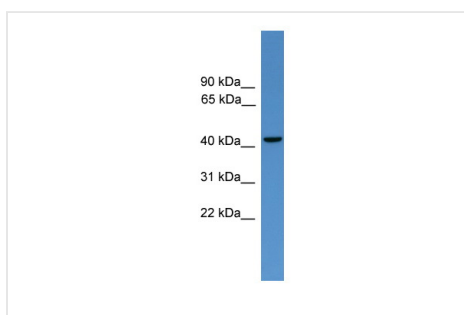
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

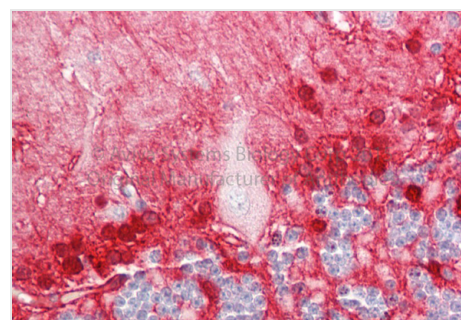
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TG FHETSNINDF SAGVANRSAS IRIPRTVGQE KKG YFEDRRP SANCDPFS
Sequence Length	373
Applicable Applications for anti-GLUL antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GLUL
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-GLUL Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human brain



IHC (Immunohistochemistry)

Rabbit Anti-GLUL antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Brain, cerebellum
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-GLUL antibody	This is a rabbit polyclonal antibody against GLUL. It was validated on Western Blot Target Description: The protein encoded by this gene belongs to the glutamine synthetase family. It catalyzes the synthesis of glutamine from glutamate and ammonia. Glutamine is a main source of energy and is involved in cell proliferation, inhibition of apoptosis, and cell signaling. This gene is expressed during early fetal stages, and plays an important role in controlling body pH by removing ammonia from circulation. Mutations in this gene are associated with congenital glutamine deficiency. Several alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-GLUL antibody	Polyclonal; Signaling Intermediate; Drugs and Drug Metabolism; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923206
NCBI GeneID	2752
NCBI Accession #	NP_002056
NCBI GenBank Nucleotide #	NM_002065
UniProt Accession #	P15104
Molecular Weight	42kDa
NCBI Official Full Name	glutamine synthetase
NCBI Official Synonym Full Names	glutamate-ammonia ligase
NCBI Official Symbol	GLUL
NCBI Official Synonym Symbols	GS; GLNS; PIG43; PIG59
NCBI Protein Information	glutamine synthetase
UniProt Protein Name	Glutamine synthetase
UniProt Gene Name	GLUL
UniProt Synonym Gene Names	GLNS; GS
UniProt Entry Name	GLNA_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.