

Mouse GLUL Monoclonal Antibody | anti-GLUL antibody

GLUL Monoclonal Antibody

CATALOG # AAA41013	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

GLUL; Monoclonal Antibody; GLUL Monoclonal Antibody; anti-GLUL antibody

PRODUCT SPECIFICATIONS

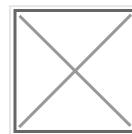
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	GLUL Monoclonal Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-GLUL antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Mouse monoclonal GLUL antibody was raised against a 15 amino acid peptide near the amino terminus of human GLUL.
Buffer	GLUL Monoclonal Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	GLUL Monoclonal antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of GLUL in mouse brain tissue with GLUL antibody at 20 ?g/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of GLUL in mouse brain tissue with GLUL antibody at 5 ?g/mL.



WB (Western Blot)

Western blot analysis of GLUL in human brain tissue lysate with GLUL antibody at 0.5 ?g/mL in (A) the absence and (B) the presence of blocking buffer.

ADDITIONAL INFORMATION

Related Product Information for anti-GLUL antibody	GLUL Monoclonal Antibody: Glutamate ammonia ligase (GLUL) belongs to the glutamine synthetase family and 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. GLUL is expressed during early fetal stages, and plays an important role in controlling body pH by removing ammonia from circulation. Recent studies have suggested that elevated levels of GLUL may be an early marker for hepatocellular carcinoma.
Product Categories/Family for anti-GLUL antibody	Homeostasis
References	Wang Y, Kudoh J, Kubota R, et al. Chromosomal mapping of a family of human glutamine synthetase genes: functional gene (GLUL) on 1q25, pseudogene (GLULP) on 9p13, and three related genes (GLULL1, GLULL2, GLULL3) on 5q33, 11p15, and 11q24.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923206
Molecular Weight	Predicted: 41 kDa

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://stage.aaabiotech.com/monoclonal/glul-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/41013>