

Rabbit anti-Human GLUD2 Polyclonal Antibody | anti-GLUD2 antibody

Rabbit anti-GLUD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220754	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

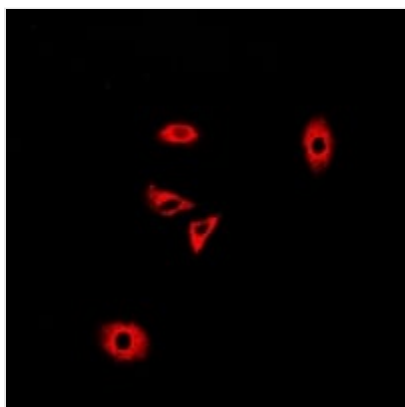
PRODUCT SYNONYMS

GLUD2; Polyclonal Antibody; Rabbit anti-GLUD2 Antibody; GLUDP1; Glutamate dehydrogenase 2; mitochondrial; GDH 2; anti-GLUD2 antibody

PRODUCT SPECIFICATIONS

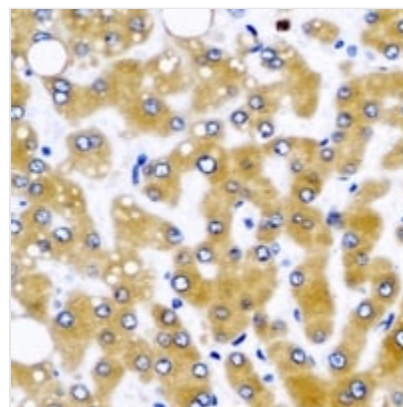
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GLUD2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human GLUD2
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



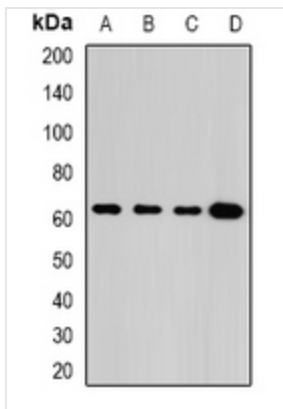
IF (Immunofluorescence)

Immunofluorescent analysis of GLUD2 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of GLUD2 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of GLUD2 expression in MCF7 (A), A431 (B), mouse brain (C), rat testis (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GLUD2 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	31377775
NCBI GeneID	2747
NCBI Accession #	NP_036216.2
NCBI GenBank Nucleotide #	NM_012084.3
UniProt Accession #	P49448; Q9UDQ4; B2R8G0
Molecular Weight	61,434 Da
NCBI Official Full Name	glutamate dehydrogenase 2, mitochondrial
NCBI Official Synonym Full Names	glutamate dehydrogenase 2
NCBI Official Symbol	GLUD2
NCBI Official Synonym Symbols	GDH2; GLUDP1
NCBI Protein Information	glutamate dehydrogenase 2, mitochondrial; GDH 2; glutamate dehydrogenase pseudogene 1
UniProt Protein Name	Glutamate dehydrogenase 2, mitochondrial
UniProt Gene Name	GLUD2
UniProt Synonym Gene Names	GLUDP1; GDH 2
UniProt Entry Name	DHE4_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://stage.aaabiotech.com/polyclonal/glud2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/220754>