
Product Name: GLUD1 Rabbit Monoclonal Antibody**Catalog #: AMRe84156**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ICC,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.61mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100
Molecular Weight	Calculated MW: 61 kDa ; Observed MW: 50 kDa

Antigen Information

Gene Name	GLUD1
Alternative Names	GDH; Gdh-X; GDH1; GLUD; Glud1; Glud1a; Glud1b; Gludl; MRG-2;;Glutamate dehydrogenase 1
Gene ID	
SwissProt ID	P00367
Immunogen	A synthesized peptide derived from human Glutamate dehydrogenase 1

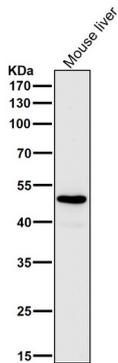
Background

Mitochondrial glutamate dehydrogenase that catalyzes the conversion of L-glutamate into alpha-ketoglutarate. Plays a key

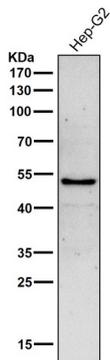
role in glutamine anaplerosis by producing alpha-ketoglutarate, an important intermediate in the tricarboxylic acid cycle. Plays a role in insulin homeostasis.

Research Area

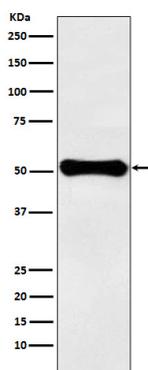
Image Data



All lanes use the Antibody at 1:2k dilution for 1 hour at room temperature.



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Western blot analysis of GLUD1 expression in HepG2 cell lysate.