Recombinant GLUD1 Monoclonal Antibody

catalog number: **AN301531L**

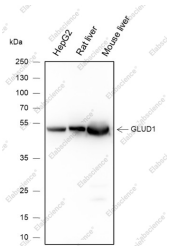
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human GLUD1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111154
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:50-1:100
IF	1:50

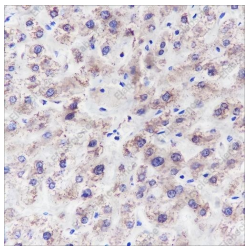
Data



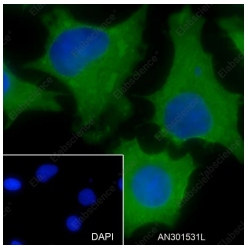
Western Blot with GLUD1 Monoclonal Antibody at dilution of 1:5000. Lane 1: HepG2, Lane 2: Rat liver, Lane 3: Mouse liver

Observed-MW:52 kDa

Calculated-MW:52 kDa



Immunohistochemistry of paraffin-embedded Human liver using GLUD1 Monoclonal Antibody at dilution of 1:100.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed HeLa cells using anti-GLUD1 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
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Web: www.elabscience.com
Email: techsupport@elabscience.com

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. May be involved in learning and memory reactions by increasing the turnover of the excitatory neurotransmitter glutamate.

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