GLUL Polyclonal Antibody

catalog number: **E-AB-15075**

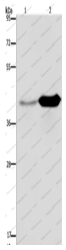
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of human GLUL
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

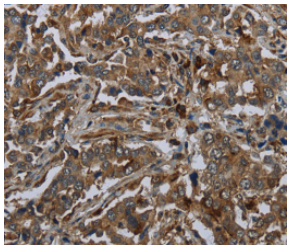
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:100-1:300

Data

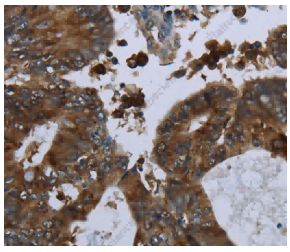


Western Blot analysis of Mouse liver and brain tissue using GLUL Polyclonal Antibody at dilution of 1:650

Calculated-MW:42 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer using GLUL Polyclonal Antibody at dilution of 1:60



Immunohistochemistry of paraffin-embedded Human colon cancer using GLUL Polyclonal Antibody at dilution of 1:60

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

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.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

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Email: techsupport@elabscience.com