

Datasheet for ABIN7237097

anti-GLUL antibody

3 Images

[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	GLUL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLUL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human GLUL
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	GLUL
Alternative Name:	GLUL (GLUL Products)
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

Target Details

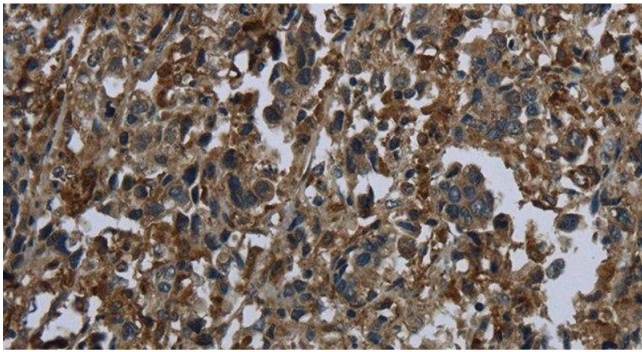
	removing ammonia from circulation. Mutations in this gene are associated with congenital glutamine deficiency. Several alternatively spliced transcript variants have been found for this gene.
Molecular Weight:	42 kDa
UniProt:	P15104
Pathways:	Positive Regulation of Peptide Hormone Secretion

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:100-1:300
Restrictions:	For Research Use only

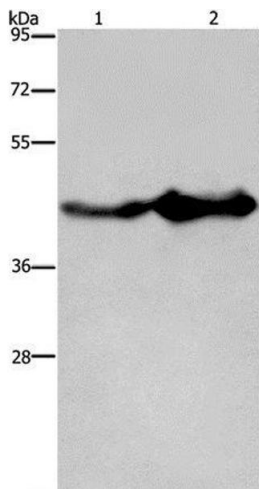
Handling

Format:	Liquid
Concentration:	0.4 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



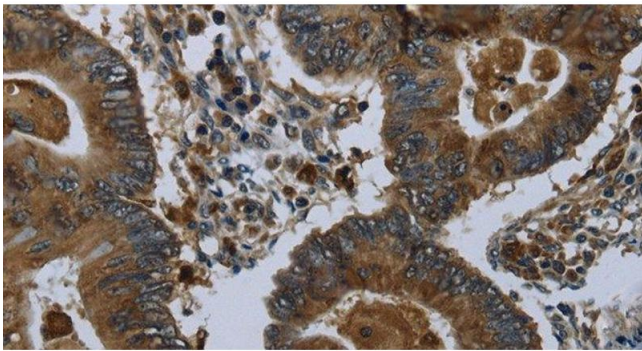
Immunohistochemistry (Paraffin-embedded Sections)

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



Western Blotting

Image 2. Western Blot analysis of Mouse liver and brain tissue using GLUL Polyclonal Antibody at dilution of 1:600



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human colon cancer using GLUL Polyclonal Antibody at dilution of 1:60