SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-GLUL Monoclonal Antibody

Catalog Number: SLA0761M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	1F6
SWISS:	P15104
Target:	GLUL
Immunogen:	Gl Syn/Glutamine Synthetase protein
Purification:	Affinity-chromatography using specific immunogen.
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	42 kDa
Background:	The protein encoded by this gene belongs to the glutamine synthetase family. It catalyzes the synthesis of glutamine from glutamate and ammonia in an ATP-dependent reaction. This protein plays a role in ammonia and glutamate detoxification , acid-base homeostasis , cell signaling , and cell proliferation. Glutamine is an abundant amino acid , and is important to the biosynthesis of several amino acids , pyrimidines , and purines. Mutations in this gene are associated with congenital glutamine deficiency , and overexpression of this gene was observed in some primary liver cancer samples. There are six pseudogenes of this gene found on chromosomes 2 , 5 , 9 , 11 , and 12. Alternative splicing results in multiple transcript variants. [provided by

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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