DPYSL3 Antibody

Catalog No: #36424

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Description

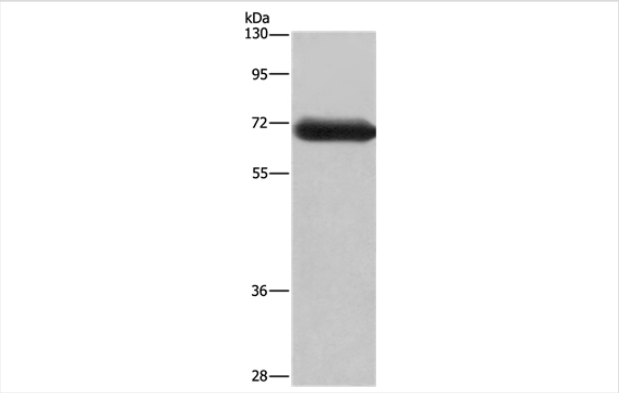
Product Name	DPYSL3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total DPYSL3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human dihydropyrimidinase-like 3
Target Name	DPYSL3
Other Names	DRP3; ULIP; CRMP4; DRP-3; LCRMP; CRMP-4; ULIP-1
Accession No.	Swiss-Prot#: Q14195NCBI Gene ID: 1809Gene Accssion: NP_001378
Uniprot	Q14195
GeneID	1809;
SDS-PAGE MW	62kd
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

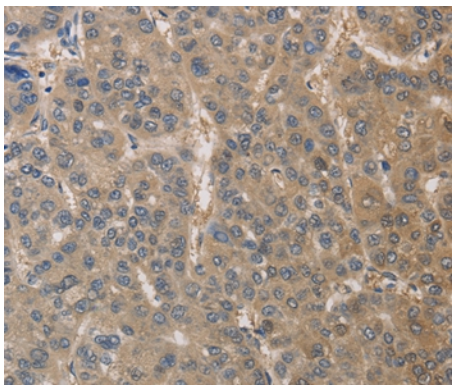
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): Mouse brain tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/350 dilution
Secondary antibody dilution: 1/8000
Exposure time: 30 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #36424 at dilution 1/30.

Background

Collapsin response mediator proteins (CRMPs), including CRMP-1 (DRP-1), CRMP-2 (DRP-2 or TOAD64), CRMP-3 (DRP-4), CRMP-4 (DRP-3) and CRMP-5 (DRP-5), mediate signal transduction after exposure of neural cells to the axon guidance molecule semaphorin 3A (SEMA3A)/collapsin. CRMPs are present in the developing cerebral cortex and neocortical neurons and are responsive to SEMA3A. In the adult brain, the expression of CRMPs is dramatically downregulated. However, they remain expressed in structures that retain their capacity for differentiation and plasticity. Developing neurons in the adult hippocampus of mammals, known as the dentate gyrus, express CRMP-4. Rodent neocortical neurons express CRMP-4 in the perikaryon, in neurites and at growth cones.

Note: This product is for in vitro research use only