

CRMP4 Polyclonal Antibody

Catalog number: 13661-1-AP

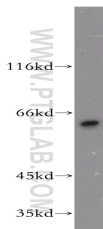
Size: 20 µg/150 µl

Source: Rabbit

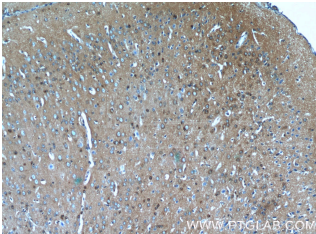
Isotype: IgG

Synonyms:

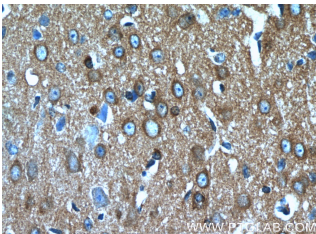
DPYSL3; CRMP 4, CRMP4,
dihydropyrimidinase like 3,
DPYSL3, DRP 3, DRP3, LCRMP,
ULIP, ULIP 1, ULIP1, Unc 33 like
phosphoprotein 1



mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with 13661-1-AP(DPYSL3 antibody) at dilution of 1:400



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using 13661-1-AP(DPYSL3 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using 13661-1-AP(DPYSL3 Antibody) at dilution of 1:50 (under 40x lens)

Background

DPYSL3(Dihydropyrimidinase-related protein 3) is also named as CRMP4, DRP3, ULIP, ULIP1 and belongs to the hydantoinase/dihydropyrimidinase subfamily.DPYSL3 is a developmentally regulated protein, strongly expressed in early embryonic post-mitotic neural cells, reaching a peak of expression around the first post-natal week. In the adult brain, DPYSL3 is present mainly in regions that retain neurogenesis.DPYSL3 protein is also found in synaptic sites at the adult neuromuscular junction where it may be involved in the maintenance of neuronal stability(PMID: 16135096).It has 2 isoforms produced by alternative splicing.

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated CRMP4 MW:	570aa,62 kDa
Observed CRMP4 MW:	60-70kd
Positive WB detected in	Mouse cerebellum tissue, mouse brain tissue
Positive IHC detected in	Mouse brain tissue, human heart tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4557
GenBank accession number:	BC039006
Gene ID (NCBI):	1809
Full name:	Dihydropyrimidinase-like 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.