

CRMP5 Monoclonal antibody

Catalog Number: 68272-1-Ig

Basic Information

Catalog Number:

68272-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG0783

GenBank Accession Number:

BC002874

GeneID (NCBI):

56896

UNIPROT ID:

Q9BPU6

Full Name:

dihydropyrimidinase-like 5

Calculated MW:

61 kDa

Observed MW:

61 kDa

Purification Method:

Protein A purification

CloneNo.:

3F2D8

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Rat, Pig, Rabbit

Positive Controls:

WB : pig brain tissue, rabbit cerebellum tissue, rat cerebellum tissue

Background Information

Collapsin response mediator proteins (CRMPs) are a family consisting of five homologous cytosolic phosphoproteins (CRMP1-5). All five CRMPs are abundantly expressed in the developing brain and the adult nervous system. CRMP5 is phylogenetically divergent from the other four CRMPs, sharing only 50% homology; this protein plays an important role in modulating filopodial dynamics and, in turn, restricting neuronal growth cone development.

Storage

Storage:

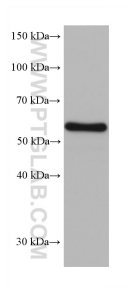
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

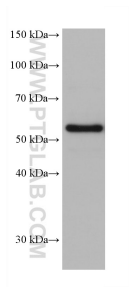
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

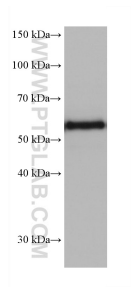
Selected Validation Data



pig brain tissue were subjected to SDS PAGE followed by western blot with 68272-1-Ig (DPYSL5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



rabbit cerebellum tissue were subjected to SDS PAGE followed by western blot with 68272-1-Ig (DPYSL5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



rat cerebellum tissue were subjected to SDS PAGE followed by western blot with 68272-1-Ig (CRMP5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.