

CRMP1 Polyclonal Antibody

catalog number: **E-AB-92489**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

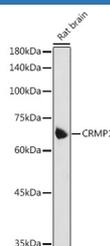
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human CRMP1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:200

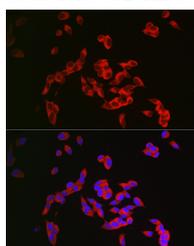
Data



Western blot analysis of extracts of Rat brain using CRMP1 Polyclonal Antibody at 1:1000 dilution.

Observed-MV:62 kDa

Calculated-MV:62 kDa/74 kDa



Immunofluorescence analysis of Neuro-2a cells using CRMP1 Polyclonal Antibody at dilution of 1:300 (40x lens).
Blue: DAPI for nuclear staining.

Immunofluorescence analysis of SH-SY5Y cells using CRMP1 Polyclonal Antibody at dilution of 1:300 (40x lens).

Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

This gene encodes a member of a family of cytosolic phosphoproteins expressed exclusively in the nervous system. The encoded protein is thought to be a part of the semaphorin signal transduction pathway implicated in semaphorin-induced growth cone collapse during neural development. Alternative splicing results in multiple transcript variants.

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