

CRMP1 Polyclonal Antibody

catalog number: E-AB-12333

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

| Description | |
|--------------|--|
| Reactivity | Human;Mouse;Rat |
| Immunogen | Synthetic peptide of human CRMP1 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |
| Applications | Recommended Dilution |
| WB | 1:500-1:1000 |



Western Blot analysis of Mouse brain tissue using CRMP1

Polyclonal Antibody at dilution of 1:500

Calculated-MV:62 kDa

| 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

Collapsin response mediator protein 1, encoded by the CRMP1 gene, is a human protein of the CRMP family. 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. CRMP1 mediates reelin signaling in cortical neuronal migration. Mice deficient in CRMP1 exhibit impaired long-term potentiation and impaired spatial learning and memory. CRMP1 gene overlaps with another gene called EVC. CRMP1 has been shown to interact with DPYSL2.