Product Name: CRMP1 (17O10) Rabbit Monoclonal Antibody
Catalog #: AMRe09411

Summary

Production Name	CRMP1 (17O10) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	CRMP1
Alternative Names	CRMP 1; Crmp1; DPYSL1; DRP1; ULIP-3; Ulip3;
Gene ID	1400.0
SwissProt ID	Q14194.A synthetic peptide of human CRMP1

Application

Dilution Ratio	WB: 1:1000
Molecular Weight	62,74kDa

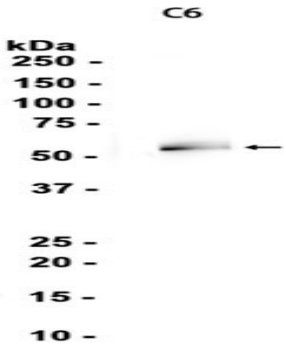
Background

Product Name: CRMP1 (17O10) Rabbit Monoclonal Antibody
Catalog #: AMRe09411

Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton (PubMed:25358863). Plays a role in axon guidance (PubMed:25358863). During the axon guidance process, acts downstream of SEMA3A to promote FLNA dissociation from F-actin which results in the rearrangement of the actin cytoskeleton and the collapse of the growth cone (PubMed:25358863). Involved in invasive growth and cell migration (PubMed:11562390). May participate in cytokinesis (PubMed:19799413).

Research Area

Image Data



Western blot analysis of extracts from C6 cells using RM5645 at 1:1000.

Note

For research use only.