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**Product Name: CRMP1 (17010) Rabbit Monoclonal Antibody****Catalog #: AMRe09411**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.43mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:1000-1:5000,ICC/IF 1:200-1:500,FC 1:20-1:50,IP 1:20-1:50
<b>Molecular Weight</b>	62,74kDa

**Antigen Information**

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

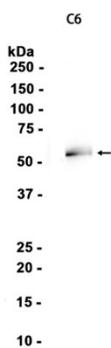
**Background**

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 CRMP1 (17O10) Rabbit Monoclonal Antibody at 1:1000.