

Rabbit CRMP1 Polyclonal Antibody | anti-CRMP1 antibody

CRMP1 antibody - N-terminal region

CATALOG # AAA199022	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Immunoprecipitation, Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

CRMP1; Polyclonal Antibody; CRMP1 antibody - N-terminal region; anti-CRMP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: SYQGKKSIPHITSDRLIKGGRINDDQSLYADVYLEDGLIKQIGENLIV
Sequence Length	572
Applicable Applications for anti-CRMP1 antibody	IP (Immunoprecipitation), WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 92%; Rabbit: 86%; Rat: 93%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CRMP1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

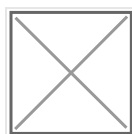
IMAGES



WB (Western Blot)

WB Suggested Anti-CRMP1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: 721_B cell lysate


WB (Western Blot)

Sample Type: Mouse, Rat
Sample Type: 2. mouse brain extracts (80ug)
3. rat brain extract (80ug)
Primary Antibody Dilution: 2ug/ml
Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience
Secondary Antibody Dilution: 1: 20,000
Image Submitted by: Yuzhi Chen
University of Arkansas for Medical Science


IHC (Immunohistochemistry)

Sample Type: Human NT2
Sample Type: NT2 cells
Red: Antibody
Blue: DAPI
Primary Dilution: 1ug/50ul antibody
Secondary Antibody: Alexa goat anti-rabbit 594
Image Submitted by: Yuzhi Chen, University of Arkansas for Medical Sciences

ADDITIONAL INFORMATION

Related Product Information for anti-CRMP1 antibody	This is a rabbit polyclonal antibody against CRMP1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CRMP1 is a member of a family of cytosolic phosphoproteins expressed exclusively in the nervous system. The protein is thought to be a part of the semaphorin signal transduction pathway implicated in semaphorin-induced growth cone collapse during neural development. 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. 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.
Product Categories/Family for anti-CRMP1 antibody	Polyclonal; Neurobiology; Drugs and Drug Metabolism; Developmental Biology; Neuroscience; Signal Transduction; Tissue Specific & Cell Marker; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503051
NCBI GeneID	1400
NCBI Accession #	NP_001304
NCBI GenBank Nucleotide #	NM_001313
UniProt Accession #	Q14194
Molecular Weight	62kDa
NCBI Official Full Name	dihydropyrimidinase-related protein 1 isoform 2
NCBI Official Synonym Full Names	collapsin response mediator protein 1
NCBI Official Symbol	CRMP1
NCBI Official Synonym Symbols	DRP1; DRP-1; CRMP-1; DPYSL1; ULIP-3
NCBI Protein Information	dihydropyrimidinase-related protein 1
UniProt Protein Name	Dihydropyrimidinase-related protein 1
UniProt Gene Name	CRMP1
UniProt Synonym Gene Names	DPYSL1; ULIP3; DRP-1; CRMP-1; ULIP-3
UniProt Entry Name	DPYL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.