

Rabbit anti-Human CRMP1 Polyclonal Antibody | anti-CRMP1 antibody

CRMP1 Antibody (N-term)

CATALOG # AAA287958	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

CRMP1; Polyclonal Antibody; CRMP1 Antibody (N-term); Dihydropyrimidinase-related protein 1; DRP-1; Collapsin response mediator protein 1; CRMP-1; Unc-33-like phosphoprotein 3; ULIP-3; DPYSL1; ULIP3; anti-CRMP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CRMP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-110 amino acids from the N-terminal region of human CRMP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.36 (varies by lot)
Sequence Positions	82-110
Sequence Length	686
Applicable Applications for anti-CRMP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

CRMP1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CRMP1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

CRMP1 Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the CRMP1 antibody detected the CRMP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CRMP1 antibody	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	Neuroscience
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Ingersoll, R.G., et al. Eur. J. Hum. Genet. 18(6):726-732(2010) Mukherjee, J., et al. Cancer Res. 69(22):8545-8554(2009) Mopert, K., et al. Exp. Cell Res. 315(13):2165-2180(2009) Sandebring, A., et al. PLoS ONE 4 (5), E5701 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	62422571
NCBI GeneID	1400
NCBI Accession #	NP_001014809.1; NP_001304.1
NCBI GenBank Nucleotide #	NM_001014809.2
UniProt Accession #	Q14194; Q13024; Q4W5F1; Q96TC8; A0EJG6
Molecular Weight	62184
NCBI Official Full Name	dihydropyrimidinase-related protein 1 isoform 1
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/crmp1-antibody-immunohistochemistry-western-blot-elisa/287958>