

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

CRMP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307378	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CRMP1; Polyclonal Antibody; CRMP1 Antibody; collapsin response mediator protein 1; DRP1; DRP-1; CRMP-1; DPYSL1; ULIP-3; anti-CRMP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CRMP1 protein.
Form/Format	Supplied at 0.6mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	572
Applicable Applications for anti-CRMP1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 507-522 amino acids of Human collapsin response mediator protein 1
Target Name	CRMP1
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 31173 (CRMP1 Antibody) at dilution 1/15, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE Lysate: 30 ug Mouse brain tissue lysate Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 20 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-CRMP1 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503051
NCBI GeneID	1400
NCBI Accession #	NP_001304
NCBI GenBank Nucleotide #	NM_001313.4
Molecular Weight	74,262 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/crmp1-antibody-immunohistochemistry-western-blot-elisa/307378>