

Rabbit CRMP1 Polyclonal Antibody | anti-CRMP1 antibody

CRMP1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168729	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

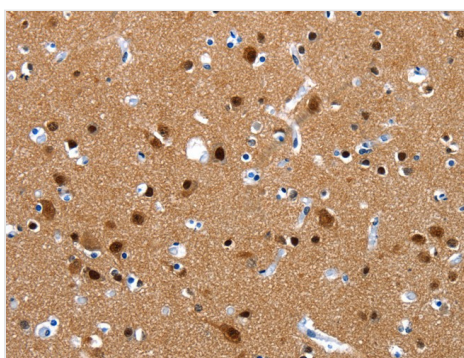
PRODUCT SYNONYMS

CRMP1; Polyclonal Antibody; CRMP1 Polyclonal Antibody; DRP1; DRP-1; CRMP-1; DPYSL1; ULIP-3; anti-CRMP1 antibody

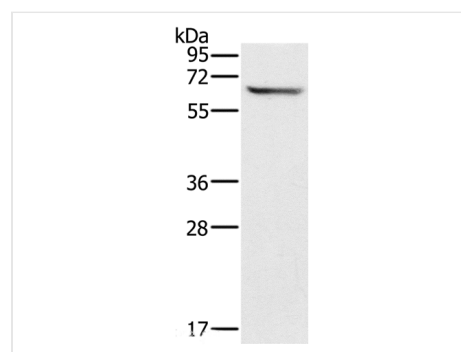
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.6mg/mL (varies by lot)
Sequence Length	404
Applicable Applications for anti-CRMP1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human CRMP1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using CRMP1 Polyclonal Antibody at dilution of 1:15


WB (Western Blot)

Western Blot analysis of Mouse brain tissue using CRMP1 Polyclonal Antibody at dilution of 1:500

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.
Product Categories/Family for anti-CRMP1 antibody	Cancer; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	39644816
NCBI GeneID	1400
Molecular Weight	74,262 Da
NCBI Official Full Name	CRMP1 protein, partial
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; dihydropyrimidinase-like 1; unc-33-like phosphoprotein 3
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/168729>