

Rabbit CRMP2 Polyclonal Antibody | anti-CRMP2 antibody

CRMP2 Antibody

CATALOG # AAA75686	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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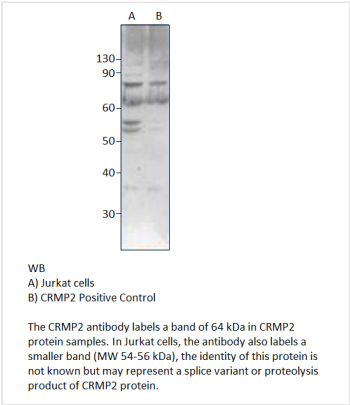
PRODUCT SYNONYMS

CRMP2; Polyclonal Antibody; CRMP2 Antibody; CRAM; DHPRP 2; Dihydropyrimidinase 2; DPYL 2; Musunc 33; N2A3; TOAD 64; ULIP 2 protein; Unc-33-like phosphoprotein 2 antibody; anti-CRMP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.57 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	677
Applicable Applications for anti-CRMP2 antibody	WB (Western Blot), ELISA
Immunogen	Synthetic peptide taken from within the region corresponding to AA 60-115 of the CRMP2 protein. The 26mer peptide was conserved in several other species. The selected peptide was post-synthetically modified to achieve highest antigenicity before coupling to carrier protein using hetero-bifunctional cross linker for immunogen preparation.
Storage Buffer	pH: 7.4. Preservative: 0.02% Sodium azide. Constituents: Tris glycine, Tris HCl, 30% Glycerol, 0.5% BSA, HEPES
Expression	Ubiquitous
Molecular Function	Dihydropyrimidinase activity; developmental protein
Structure	Homotetramer and heterotetramer with CRMP1, DPYSL3, DPYSL4 or DPYSL5. Interacts via its C-terminus with the C-terminus of CYF1P1/SRA1. Also interacts with HTR4, CLN6 and MICALL1.
Subcellular Location	Cytoplasm; Cytoskeleton; Membrane
Preparation and Storage	-20• degree C for long term storage

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-CRMP2 antibody	Affinity Purified Collapsin response mediated protein 2 Antibody Involved in neuronal development and polarity, axon growth and guidance, neuronal growth cone collapse, and cell migration. Is needed for signalling by class 3 semaphorins and later remodeling of the cytoskeleton.
Product Categories/Family for anti-CRMP2 antibody	Primary Antibodies; Neuroscience; Neurodegenerative Disease; Alzheimer'; s Research; CRMP2 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	308818195
NCBI GeneID	1808
NCBI Accession #	NP_001184222.1
NCBI GenBank Nucleotide #	NM_001197293.2
UniProt Accession #	Q16555; O00424; A8K5H2; B4DR31; D3DSS7
NCBI Official Full Name	dihydropyrimidinase-related protein 2 isoform 1
NCBI Official Synonym Full Names	dihydropyrimidinase like 2
NCBI Official Symbol	DPYSL2
NCBI Official Synonym Symbols	DRP2; N2A3; CRMP2; DRP-2; ULIP2; CRMP-2; DHPRP2; ULIP-2
NCBI Protein Information	dihydropyrimidinase-related protein 2
UniProt Protein Name	Dihydropyrimidinase-related protein 2
UniProt Gene Name	DPYSL2
UniProt Synonym Gene Names	CRMP2; ULIP2; DRP-2; CRMP-2; ULIP-2
UniProt Entry Name	DPYL2_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.