

Rabbit anti-Human CRMP-2 Polyclonal Antibody | anti-CRMP-2 antibody

CRMP-2 (Ab-509) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306618	Rabbit	Human	Immunohistochemistry, Western Blot

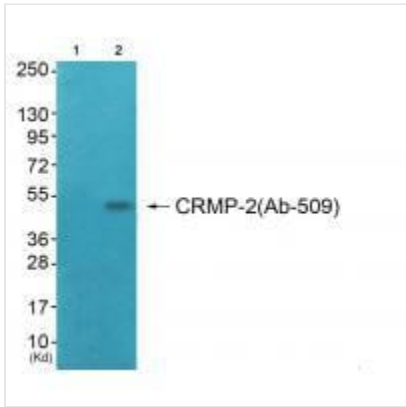
PRODUCT SYNONYMS

CRMP-2; Polyclonal Antibody; CRMP-2 (Ab-509) Antibody; Collapsin response mediator protein 2; CRMP2; Dihydropyrimidinase related protein-2; DPYL2; DPYSL2; anti-CRMP-2 antibody

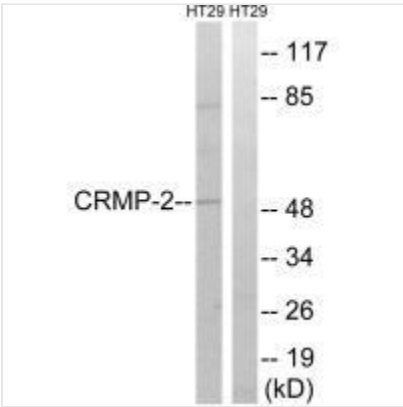
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CRMP-2 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	677
Applicable Applications for anti-CRMP-2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human CRMP-2 around the phosphorylation site of threonine 509 (S-V-T(p)-P-K).
Target Name	CRMP-2
Preparation and Storage	Store at -20 degree C

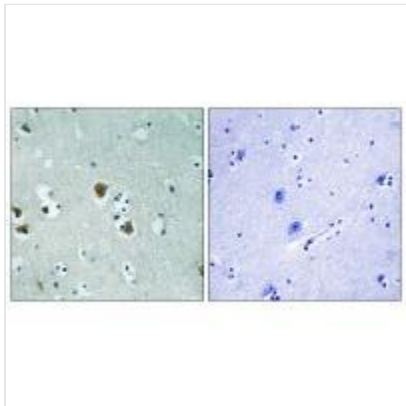
IMAGES



WB (Western Blot)
Western blot analysis of extracts from COS7 cells (Lane 2), using CRMP-2 (Ab-509) antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from HT-29 cells, treated with heat shock, using CRMP-2 (Ab-509) antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissue using CRMP-2 (Ab-509) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CRMP-2 antibody	Plays a role in neuronal development and polarity, as well as in axon growth and guidance, neuronal growth cone collapse and cell migration. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. May play a role in endocytosis.Goshima Y., Nature 376:509-514(1995).Hamajima N., Gene 180:157-163(1996).Kitamura K., DNA Res. 6:291-297(1999).
Product Categories/Family for anti-CRMP-2 antibody	Total protein Ab

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
Molecular Weight	58,163 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/crmp-2-antibody-immunohistochemistry-western-blot-elisa/306618>