

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

CRMP-2 (Phospho-Thr509) Antibody

CATALOG # AAA302276	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CRMP-2; Polyclonal Antibody; CRMP-2 (Phospho-Thr509) Antibody; CRMP2; N2A3; TOAD-64; DPYL2; ULIP2; anti-CRMP-2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of CRMP-2 only when phosphorylated at threonine 509.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
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-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 509 (S-V-T(p)-P-K) derived from Human CRMP-2.
Modification	Phospho-Thr509
Target Name	CRMP-2
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human brain tissue using CRMP-2 (Phospho-Thr509) antibody (left) or the same antibody preincubated with blocking peptide (right).



WB (Western Blot)

Western blot analysis of extracts from HT-29 cells treated with heat shock using CRMP-2 (Phospho-Thr509) Antibody. The lane on the right is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CRMP-2 antibody	CRMP-2 is an enzyme with dihydropyrimidinase activity. Plays a role in RhoA-dependent signaling, through interaction with and regulation of Rho kinase. Plays a role in neurogenesis. Aberrantly expressed in fetal Down syndrome brain. Miki Y., Science 266:66-71(1994).Smith T.M., Genome Res. 6:1029-1049(1996).Wilson C.A., Oncogene 14:1-16(1997).
Product Categories/Family for anti-CRMP-2 antibody	Phospho-specific 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/302276>