

Rabbit anti-Human, Mouse CRMP2 Polyclonal Antibody | anti-CRMP2 antibody

CRMP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29931	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry

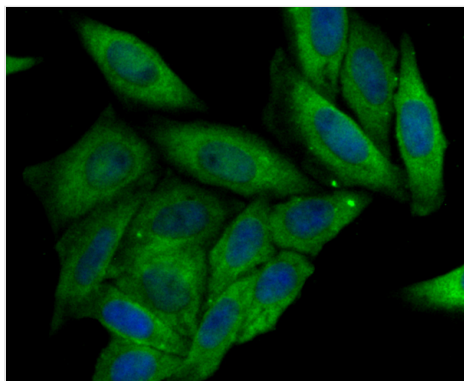
PRODUCT SYNONYMS

CRMP2; Polyclonal Antibody; CRMP2 Antibody; Collapsin response mediator protein 2 antibody; Collapsin response mediator protein antibody; Collapsin response mediator protein hCRMP 2 antibody; CRAM antibody; CRMP 2 antibody; CRMP-2 antibody; CRMP2 antibody; DHPRP 2 antibody; DHPRP2 antibody; Dihydropyrimidinase 2 antibody; Dihydropyrimidinase like 2 antibody; Dihydropyrimidinase like 2 long form antibody; Dihydropyrimidinase related protein 2 antibody; Dihydropyrimidinase-related protein 2 antibody; DPYL 2 antibody; DPYL2 antibody; DPYL2_HUMAN antibody; DPYSL 2 antibody; Dpysl2 antibody; DRP-2 antibody; DRP2 antibody; Musunc 33 antibody; Musunc33 antibody; N2A3 antibody; TOAD 64 antibody; TOAD64 antibody; ULIP 2 protein antibody; ULIP-2 antibody; Ulip2 antibody; Unc-33-like phosphoprotein 2 antibody; anti-CRMP2 antibody

PRODUCT SPECIFICATIONS

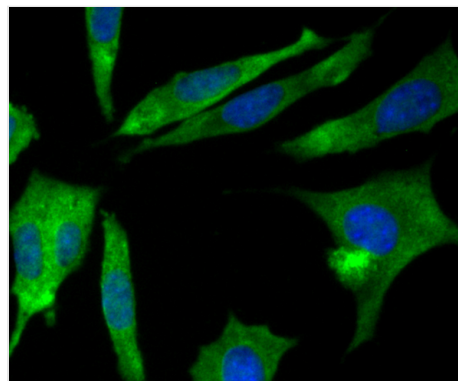
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Protein affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CRMP2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000-5000 IHC: 1:50-1:200 ICC: 1:50-1:200
Immunogen	Recombinant protein with Human CRMP2 aa 100-300.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



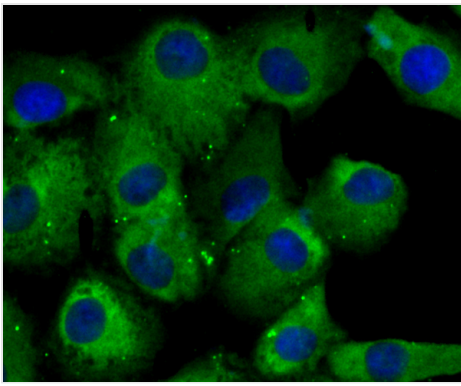
ICC (Immunocytochemistry)

ICC staining CRMP2 in SiHa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



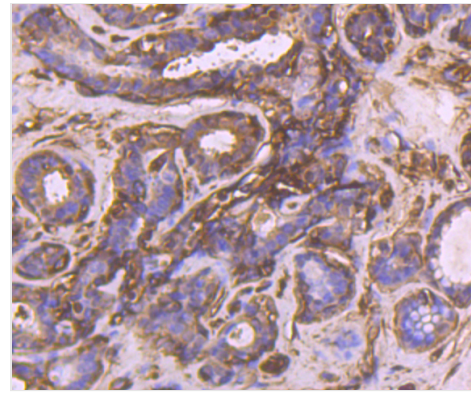
ICC (Immunocytochemistry)

ICC staining CRMP2 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



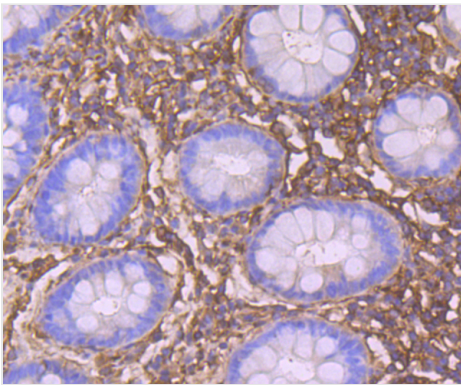
ICC (Immunocytochemistry)

ICC staining CRMP2 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



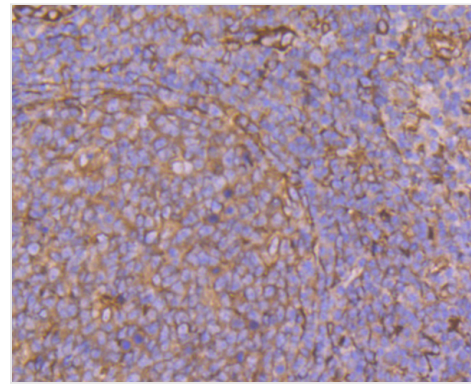
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-CRMP2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-CRMP2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CRMP2 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-CRMP2 antibody	Collapsin response mediator proteins (CRMPs), including CRMP-1 (DRP-1), CRMP-2 (DRP-2 or TOAD64), CRMP-3 (DRP-4), CRMP-4 (DRP-3) and CRMP-5 (DRP-5), mediate signal transduction after exposure of neural cells to the axon guidance molecule Semaphorin 3A (SEMA3A)/collapsin. CRMPs are present in the developing cerebral cortex and neocortical neurons and are responsive to SEMA3A. In the adult brain, the expression of CRMPs is dramatically downregulated. However, they remain expressed in structures that retain their capacity for differentiation and plasticity. CRMP-2 is involved in axonal growth and guidance. The human CRMP-2 gene maps to 8p21.2, a chromosomal region that has been previously shown to have a significant linkage to schizophrenia and to several deficit symptoms of schizophrenia.
Product Categories/Family for anti-CRMP2 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	62,294 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; unc-33-like phosphoprotein 2; collapsin response mediator protein hCRMP-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/crmp2-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/29931>