

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

CRMP-2 (Ab-522) Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS |
|-----------|--------|------------|--------------|
| AAA304216 | Rabbit | Human      | Western Blot |

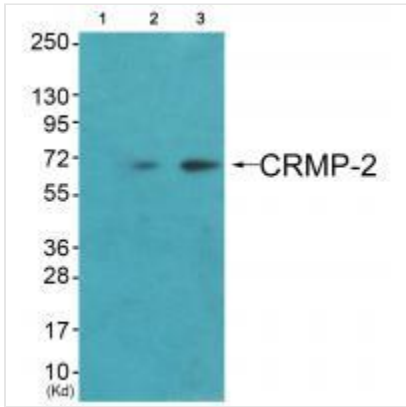
### PRODUCT SYNONYMS

CRMP-2; Polyclonal Antibody; CRMP-2 (Ab-522) Antibody; Collapsin response mediator protein 2; collapsin response mediator protein hCRMP-2; CRMP2; DHPRP2; anti-CRMP-2 antibody

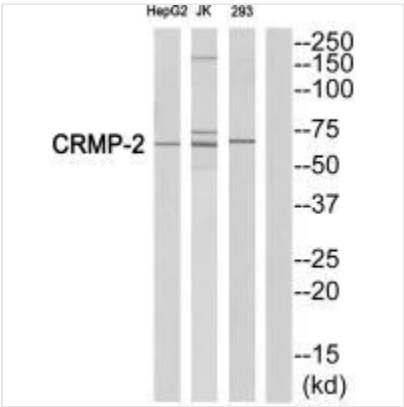
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                             |
| Reactivity                                       | Human                                                                                                                                              |
| Clonality                                        | Polyclonal                                                                                                                                         |
| Specificity                                      | The antibody detects endogenous levels of total DPYSL2 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 <sup>2+</sup> and Ca <sup>2+</sup> ), 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 | WB (Western Blot)                                                                                                                                  |
| Immunogen Type                                   | Peptide                                                                                                                                            |
| Immunogen Description                            | Synthesized peptide derived from C-terminal of human DPYSL2.                                                                                       |
| Target Name                                      | CRMP-2                                                                                                                                             |
| Preparation and Storage                          | Store at -20 degree C                                                                                                                              |

IMAGES



**WB (Western Blot)**  
Western blot analysis of extracts from HuvEc cells (Lane 2) and JK cells (Lane 3), using CRMP-2 (Ab-522) antibody. The lane on the left is treated with synthesized peptide.



**WB (Western Blot)**  
Western blot analysis of extracts from HepG2 cells, Jurkat cells and 293 cells, using CRMP-2 (Ab-522) 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.