

## Rabbit CRMP5 Polyclonal Antibody | anti-CRMP5 antibody

CRMP5 Antibody

| CATALOG # | HOST   | REACTIVITY                                                                  | APPLICATIONS |
|-----------|--------|-----------------------------------------------------------------------------|--------------|
| AAA328823 | Rabbit | Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus | Western Blot |

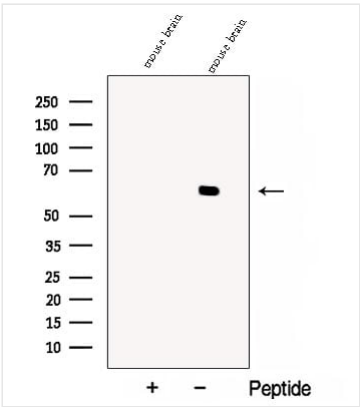
### PRODUCT SYNONYMS

CRMP5; Polyclonal Antibody; CRMP5 Antibody; Collapsin response mediator protein 5; CRAM; CRMP 3 associated molecule; CRMP 5; CRMP3 associated molecule; Dihydropyrimidinase like 5; Dihydropyrimidinase related protein 5; Dihydropyrimidinase-related protein 5; DPYL5\_HUMAN; DPYS L5; DPYSL 5; DPYSL5; DRP 5; DRP5; FLJ45383; Ulip 6; Ulip6; ULIP6 protein; UNC33-like phosphoprotein 6; anti-CRMP5 antibody

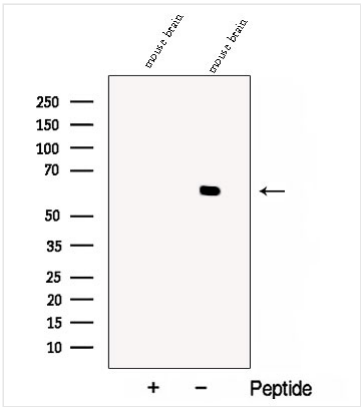
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                          |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                   |
| Reactivity                                      | Human, Mouse, Rat<br>Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus                                          |
| Clonality                                       | Polyclonal                                                                                                               |
| Isotype                                         | IgG                                                                                                                      |
| Specificity                                     | CRMP5 Antibody detects endogenous levels of CRMP5.                                                                       |
| Purity/Purification                             | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific). |
| Form/Format                                     | Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                              |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                   |
| Sequence Length                                 | 564                                                                                                                      |
| Applicable Applications for anti-CRMP5 antibody | WB (Western Blot)                                                                                                        |
| Immunogen                                       | A synthesized peptide derived from human CRMP5.                                                                          |
| Fragment                                        | Fab Fragment                                                                                                             |
| Conjugate                                       | Unconjugated                                                                                                             |
| Preparation and Storage                         | Store at -20 degree C. Stable for 12 months from date of receipt.                                                        |

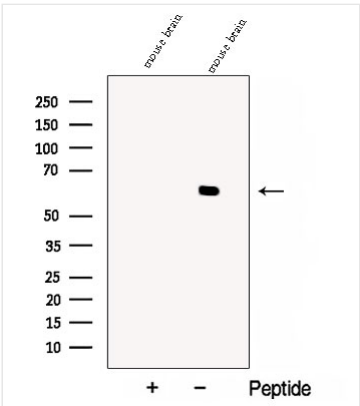
IMAGES



**WB (Western Blot)**  
Western blot analysis of extracts from Mouse brain tissue, using CRMP5 Antibody. The lane on the left was treated with blocking peptide.



**WB (Western Blot)**  
Western blot analysis of extracts from Hybridoma cells, using CRMP5 Antibody. The lane on the left was treated with blocking peptide.



**IF (Immunofluorescence)**  
staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                              |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CRMP5 antibody | Description: May have a function in neuronal differentiation and/or axon growth.                                                             |
|                                                     | Subunit Structure: Homotetramer, and heterotetramer with other DPYS-like proteins. Interacts with DPYSL2, DPYSL3 and DPYSL4 (By similarity). |
|                                                     | Similarity: Belongs to the metallo-dependent hydrolases superfamily. Hydantoinase/dihydropyrimidinase family.                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 8886025                               |
| NCBI GeneID                      | 56896                                 |
| UniProt Accession #              | Q9BPU6                                |
| Molecular Weight                 | Observed: 61 kDa<br>Predicted: 62 kDa |
| NCBI Official Full Name          | collapsin response mediator protein-5 |
| NCBI Official Synonym Full Names | dihydropyrimidinase like 5            |

|                               |                                           |
|-------------------------------|-------------------------------------------|
| NCBI Official Symbol          | DPYSL5                                    |
| NCBI Official Synonym Symbols | CRAM; CRMP5; Ulip6; CRMP-5                |
| NCBI Protein Information      | dihydropyrimidinase-related protein 5     |
| UniProt Protein Name          | Dihydropyrimidinase-related protein 5     |
| UniProt Gene Name             | <b>DPYSL5</b>                             |
| UniProt Synonym Gene Names    | CRMP5; ULIP6; DRP-5; CRAM; CRMP-5; ULIP-6 |
| UniProt Entry Name            | DPYL5_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/crmp5-antibody-western-blot-elisa/328823>