

# Anti-Phospho-CRMP2 (T514) Rabbit Monoclonal Antibody

Catalog # ABO16739

## Product Information

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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                                                                             |
| <b>Primary Accession</b> | <a href="#">Q16555</a>                                                                                                         |
| <b>Host</b>              | Rabbit                                                                                                                         |
| <b>Isotype</b>           | Rabbit IgG                                                                                                                     |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                              |
| <b>Clonality</b>         | Monoclonal                                                                                                                     |
| <b>Format</b>            | Liquid                                                                                                                         |
| <b>Description</b>       | Anti-Phospho-CRMP2 (T514) Rabbit Monoclonal Antibody . Tested in WB applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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| <b>Gene ID</b>             | 1808                                                                                                                                                          |
| <b>Other Names</b>         | Dihydropyrimidinase-related protein 2, DRP-2, Collapsin response mediator protein 2, CRMP-2, N2A3, Unc-33-like phosphoprotein 2, ULIP-2, DPYSL2, CRMP2, ULIP2 |
| <b>Calculated MW</b>       | 62294                                                                                                                                                         |
| <b>Application Details</b> | WB 1:500-1:2000                                                                                                                                               |
| <b>Source</b>              | Eukaryota                                                                                                                                                     |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                           |
| <b>Clone Names</b>         | Clone: 32D10                                                                                                                                                  |
| <b>Immunogen</b>           | A synthesized peptide derived from human Phospho-CRMP2 (T514)                                                                                                 |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                                       |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                    |

## Protein Information

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|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>     | DPYSL2                                                                                                                                                 |
| <b>Synonyms</b> | CRMP2, ULIP2                                                                                                                                           |
| <b>Function</b> | 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.

## Cellular Location

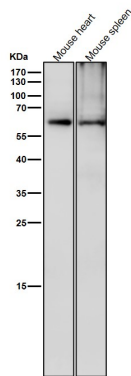
Cytoplasm, cytosol. Cytoplasm, cytoskeleton. Membrane. Note=Tightly but non-covalently associated with membranes

## Tissue Location

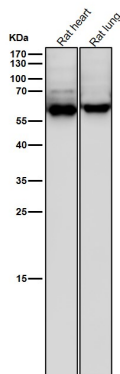
Ubiquitous.

## Images

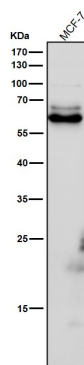
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All lanes use the Antibody at 1:6K dilution for 1 hour at room temperature.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.