

# Phospho-CRMP2 (T514) Antibody

Rabbit mAb

Catalog # AP93220

## Product Information

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q16555</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	CRAM; CRMP2; DHPRP2; Dihydropyrimidinase 2; DPYL2; Dpysl2; DRP2; Musunc33; N2A3; TOAD64; Ulip2;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	62294

## Additional Information

<b>Dilution</b>	WB 1:500~1:2000
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human Phospho-CRMP2 (T514)
<b>Description</b>	Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, neuronal growth cone collapse and cell migration.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

<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.
<b>Cellular Location</b>	Cytoplasm, cytosol. Cytoplasm, cytoskeleton. Membrane. Note=Tightly but non-covalently associated with membranes
<b>Tissue Location</b>	Ubiquitous.

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