

### Phospho-CRMP2 (T514) Antibody

Rabbit mAb

Catalog # AP93220

### **Specification**

### Phospho-CRMP2 (T514) Antibody - Product Information

Application WB
Primary Accession Q16555
Reactivity Rat

Clonality Monoclonal

**Other Names** 

CRAM; CRMP2; DHPRP2; Dihydropyrimidinase 2; DPYL2; Dpysl2; DRP2; Musunc33; N2A3; TOAD64;

Ulip2;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 62294 Da

## Phospho-CRMP2 (T514) Antibody - Additional Information

Dilution WB~~1:1000

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

Phospho-CRMP2 (T514)

Description 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.

Storage Condition and Buffer 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.

## Phospho-CRMP2 (T514) Antibody - Protein Information

Name DPYSL2

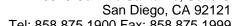
Synonyms CRMP2, ULIP2

#### **Function**

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.

# Phospho-CRMP2 (T514) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Phospho-CRMP2 (T514) Antibody - Images