

## **CRMP2 Antibody**

Rabbit mAb Catalog # AP91433

# **Specification**

## **CRMP2 Antibody - Product Information**

Application WB, IHC, FC, ICC, IP

Primary Accession
Reactivity
Rat

Clonality Monoclonal

**Other Names** 

DRP2; CRMP-2; N2A3; Unc-33-like phosphoprotein 2; ULIP-2; DPYSL2; CRMP2; ULIP2; Musunc33;

TOAD64;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 62294 Da

## **CRMP2 Antibody - Additional Information**

Dilution WB~~1:1000

IHC~~1:100~500 FC~~1:10~50 ICC~~N/A

IP~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

CRMP2

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.

#### **CRMP2 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.



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#### **Cellular Location**

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

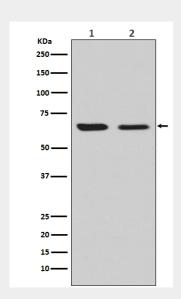
**Tissue Location** Ubiquitous.

# **CRMP2 Antibody - Protocols**

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

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

# **CRMP2 Antibody - Images**



Western blot analysis of CRMP2 expression in (1) U87-MG cell lysate; (2) NIH/3T3 cell lysate.