

# CRMP-2 (phospho Thr514) Polyclonal Antibody

**Catalog # AP67879** 

#### **Specification**

## CRMP-2 (phospho Thr514) Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host WB, IHC-P, IF
O16555
Human, Mouse, Rat
Rabbit
Polyclonal

## CRMP-2 (phospho Thr514) Polyclonal Antibody - Additional Information

#### **Gene ID 1808**

Clonality

#### **Other Names**

DPYSL2; CRMP2; ULIP2; Dihydropyrimidinase-related protein 2; DRP-2; Collapsin response mediator protein 2; CRMP-2; N2A3; Unc-33-like phosphoprotein 2; ULIP-2

#### **Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200

#### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

### **Storage Conditions**

-20°C

#### CRMP-2 (phospho Thr514) Polyclonal 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.



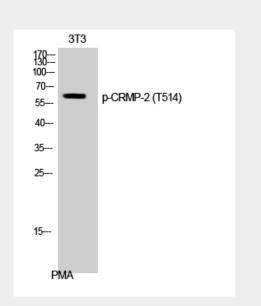
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## CRMP-2 (phospho Thr514) Polyclonal Antibody - Protocols

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

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

# CRMP-2 (phospho Thr514) Polyclonal Antibody - Images



Western Blot analysis of 3T3 cells using Phospho-CRMP-2 (T514) Polyclonal Antibody

## CRMP-2 (phospho Thr514) Polyclonal Antibody - Background

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.