CRMP1   polyclonal antibody

Catalog: BS78377	Host: Rabbit	Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a member of a family of cytosolic phosphoproteins expressed exclusively in the nervous system. The encoded protein is thought to be a part of the semaphorin signal transduction pathway implicated in semaphorin-induced growth cone collapse during neural development. Alternative splicing results in multiple transcript variants.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

62KDa

Swiss-Prot:

Q14194

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:500 - 1:2000|IF/ICC,1:50 - 1:200
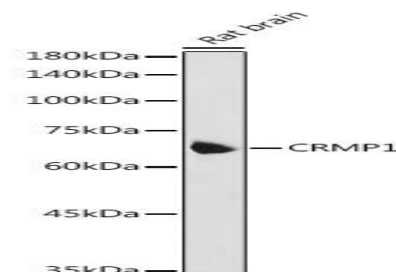
Storage&Stability:

Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze-thaw cycles.
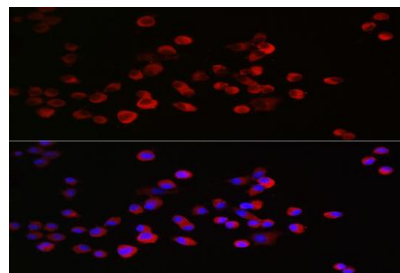
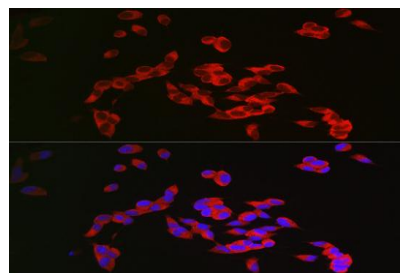## Modification:

Unmodification

DATA:

Western blot analysis of extracts of Rat brain, using CRMP1 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit .
Exposure time: 5s.

Immunofluorescence analysis of Neuro-2a cells using CRMP1 Rabbit pAb   at dilution of 1:300 . Blue: DAPI for nuclear staining.

Immunofluorescence analysis of SH-SY5Y cells using CRMP1 Rabbit pAb   at dilution of 1:300 . Blue: DAPI for nuclear staining.

Note:

For research use only, not for use in diagnostic procedure.