

CRMP-3 (C132) polyclonal antibody

Catalog: BS3849

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Collapsin response mediator proteins (CRMPs), including CRMP-1 (DRP-1), CRMP-2 (DRP-2 or TOAD64), CRMP-3 (DRP-4), CRMP-4 (DRP-3) and CRMP-5 (DRP-5), mediate signal transduction after exposure of neural cells to the axon guidance molecule Semaphorin 3A (SEMA3A)/collapsin. CRMPs are present in the developing cerebral cortex and neocortical neurons and are responsive to SEMA3A. In the adult brain, the expression of CRMPs is dramatically downregulated. However, they remain expressed in structures that retain their capacity for differentiation and plasticity. CRMP-3 is expressed transiently in developing spinal cord and selectively in the postnatal cerebellum.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 50 kDa

Swiss-Prot:

O14531

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: 1:500~1:1000

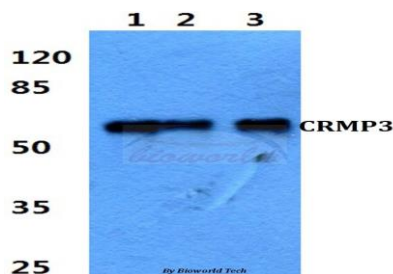
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CRMP-3 (C132) polyclonal antibody detects endogenous levels of CRMP-3 protein.

DATA:



Western blot (WB) analysis of CRMP-3 (C132) polyclonal antibody at 1:500 dilution

Lane1: Jurkat cell lysate

Lane2: sp2/0 cell lysate

Lane3: PC12 cell lysate

Note:

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

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