



[Go to Product page](#)

Datasheet for ABIN6942686
anti-CRMP1 antibody

Overview

Quantity:	100 µL
Target:	CRMP1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CRMP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant protein within human CRMP1 aa 400 to the C-terminus
Clone:	6C5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CRMP1
Alternative Name:	CRMP1 (CRMP1 Products)

Target Details

Background: Synonyms: Dihydropyrimidinase-related protein 1, Collapsin response mediator protein 1, Unc-33-like phosphoprotein 3, CRMP-1, ULIP-3, CRMP1, DPYSL1, ULIP3.

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-1 is also involved in cancer invasion and metastasis. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. CRMP-1 plays a role in axon guidance, invasive growth and cell migration. CRMP-1 may participate in cytokinesis.

Gene ID: 1400

UniProt: [Q14194](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IHC-P 1:200-400
IF(IHC-P) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Handling

Storage Comment: Store at 4°C for up to 2 weeks. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 12 months