

CRMP 1

Cat.No. 336 003; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

Data Sheet

Reconstitution/ Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 (AP staining) IP: not tested yet ICC: not tested yet IHC: not tested yet IHC-P/FFPE: not tested yet
Immunogen	Synthetic peptide corresponding to AA 441 to 455 from human CRMP1 (UniProt Id: Q14194)
Reactivity	Reacts with: human (Q14194), rat (Q62950), mouse (P97427). Other species not tested yet.
Specificity	Specific for CRMP 1 (isoform 1) and LCRMP 1 (isoform 2).

TO BE USED IN VITRO / FOR RESEARCH ONLY

NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Collapsing response mediator proteins (**CRMPs**) are a family of five intracellular phospho-proteins implicated in signal transduction of neurite outgrowth and axonal guidance. They are differentially expressed during neuronal development.

CRMP 1, also known as DPYSL 1, DRP 1 and ULIP 3, and CRMP 2 have been shown to interact with tubulin dimers promoting microtubule assembly for neurite elongation.

Selected General References

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