

CRMP1 Conjugated Antibody

Catalog No: #C49771



Package Size: #C49771-AF350 100ul #C49771-AF405 100ul #C49771-AF488 100ul

#C49771-AF555 100ul #C49771-AF594 100ul #C49771-AF647 100ul

#C49771-AF680 100ul #C49771-AF750 100ul #C49771-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	CRMP1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Collapsin response mediator protein 1 antibody CRMP 1 antibody CRMP-1 antibody Crmp1 antibody Dihydropyrimidinase like 1 antibody Dihydropyrimidinase related protein 1 antibody Dihydropyrimidinase-related protein 1 antibody DPYL1_HUMAN antibody DPYSL1 antibody DRP 1 antibody DRP-1 antibody DRP1 antibody ULIP-3 antibody Ulip3 antibody Unc-33-like phosphoprotein 3 antibody
Accession No.	Swiss-Prot#:Q14194
Uniprot	Q14194
GeneID	1400;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	74/62 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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.

Note: This product is for in vitro research use only