

## CRMP-2 (Phospho-Thr509) Conjugated Antibody

Catalog No: #C11795

Package Size: #C11795-AF350 100ul #C11795-AF405 100ul #C11795-AF488 100ul

#C11795-AF555 100ul #C11795-AF594 100ul #C11795-AF647 100ul

#C11795-AF680 100ul #C11795-AF750 100ul #C11795-Biotin 100ul

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## Description

Product Name	CRMP-2 (Phospho-Thr509) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of CRMP-2 only when phosphorylated at threonine 509.
Immunogen Description	Peptide sequence around phosphorylation site of threonine 509 (S-V-T(p)-P-K) derived from Human CRMP-2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CRMP2;N2A3;TOAD-64;DPYL2;ULIP2
Accession No.	Swiss-Prot#:Q16555NCBI Gene ID:1808NCBI mRNA#:NM_001386.5. NCBI Protein#:NP_001377.1.
Uniprot	Q16555
GeneID	1808;
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	50
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

## Product Description

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Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

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CRMP-2 is an enzyme with dihydropyrimidinase activity. Plays a role in RhoA-dependent signaling, through interaction with and regulation of Rho kinase. Plays a role in neurogenesis. Aberrantly expressed in fetal Down syndrome brain.

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Note: This product is for in vitro research use only