

Rabbit CRMP-2 Antibody | anti-CRMP-2 antibody

CRMP-2 (Phospho-Thr509) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA17969	Rabbit	Human (Identities = 100%, Positives =100%) Mouse (Identities = 100%, Positives= 100%) Rat (Identities = 100%, Positives = 100%)	Western Blot, Immunohistochemistry, ELISA

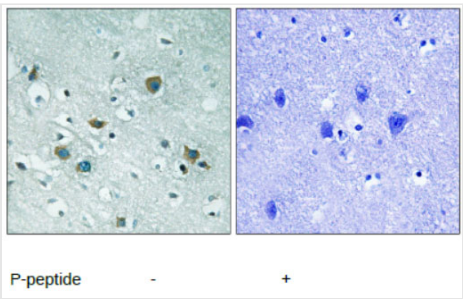
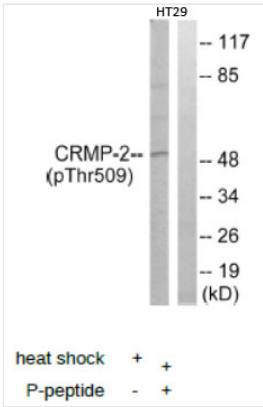
PRODUCT SYNONYMS

CRMP-2; CRMP-2 (Phospho-Thr509) Antibody; Collapsin response mediator protein 2; CRMP2; Dihydropyrimidinase related protein-2; DPYL2; DPYSL2; DRP-2; N2A3; TOAD-64; Turned on after division; 64 kDa protein; ULIP 2 protein; ULIP2; anti-CRMP-2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Identities = 100%, Positives =100%) Mouse (Identities = 100%, Positives= 100%) Rat (Identities = 100%, Positives = 100%)
Isotype	IgG
Specificity	CRMP-2 (Phospho-Thr509) antibody detects endogenous levels of CRMP-2 only when phosphorylated at threonine 509.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	677
Applicable Applications for anti-CRMP-2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CRMP-2 around the phosphorylation site of threonine 509 (S-V-T ^P -PK).
All Sites	Human: Thr509 Mouse: Thr509 Rat: Thr509
Preparation and Storage	Store at -20°C for 1 year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissue using CRMP-2 (Phospho-Thr509) antibody.

WB (Western Blot)
Western Blot analysis of extracts from HT-29 cells, treated with heat shock, using CRMP-2 (Phospho-Thr509) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CRMP-2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Miki Y., Science 266:66-71(1994). Smith T.M., Genome Res. 6:1029-1049(1996). Wilson C.A., Oncogene 14:1-16(1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	308818195
NCBI GeneID	1808
NCBI Accession #	NP_001184222.1
NCBI GenBank Nucleotide #	NM_001197293.2
UniProt Accession #	Q16555; O00424; A8K5H2; B4DR31; D3DSS7
NCBI Official Full Name	dihydropyrimidinase-related protein 2 isoform 1
NCBI Official Synonym Full Names	dihydropyrimidinase like 2
NCBI Official Symbol	DPYSL2
NCBI Official Synonym Symbols	DRP2; N2A3; CRMP2; DRP-2; ULIP2; CRMP-2; DHPRP2; ULIP-2
NCBI Protein Information	dihydropyrimidinase-related protein 2
UniProt Protein Name	Dihydropyrimidinase-related protein 2
UniProt Gene Name	DPYSL2
UniProt Synonym Gene Names	CRMP2; ULIP2; DRP-2; CRMP-2; ULIP-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.