

## CRMP-2 (Phospho-Ser522) Antibody

Catalog No: #AB11841



Package Size: #AB11841-1 50ul #AB11841-2 100ul

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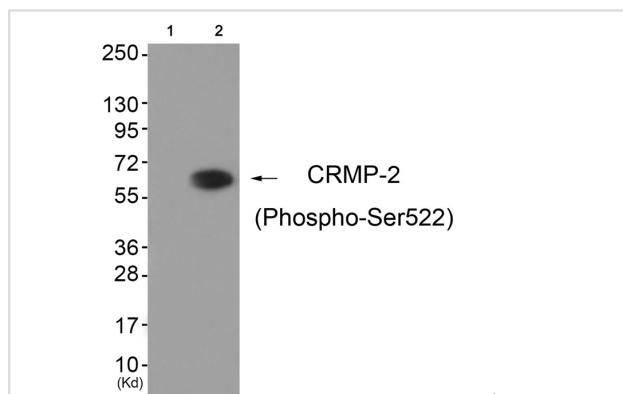
## Description

Product Name	CRMP-2 (Phospho-Ser522) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	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.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of DPYSL2 only when phosphorylated at serine 522.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 522(K-T-S(p)-P-A) derived from Human CRMP-2.
Target Name	CRMP-2
Modification	Phospho-Ser522
Other Names	CRMP2; DPYL2; DRP2; ULIP-2;
Accession No.	Swiss-Prot#: Q16555; NCBI Gene#: 1808; NCBI Protein#: NP_001377.1.
SDS-PAGE MW	62kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

## Application Details

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from HuvEc cells (Lane 2), using CRMP-2 (Phospho-Ser522) Antibody #AB11841. The lane on the left is treated with antigen-specific peptide.

## 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.

Goshima Y., Nature 376:509-514(1995).

Hamajima N., Gene 180:157-163(1996).

Kitamura K., DNA Res. 6:291-297(1999).

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.