

Anti-CRMP2 (Phospho-S522) Antibody

Catalog # AP60268

Product Information

Application	WB, IHC
Primary Accession	Q16555
Reactivity	Human, Mouse, Rat, Pig, Chicken, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62294

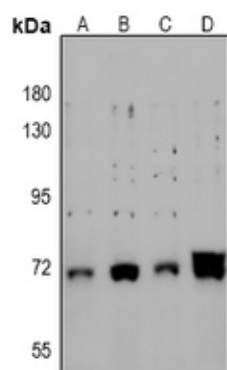
Additional Information

Gene ID	1808
Other Names	CRMP2; ULIP2; DIHCydropyrimidinase-related protein 2; DRP-2; Collapsin response mediator protein 2; CRMP-2; N2A3; Unc-33-like phosphoprotein 2; ULIP-2
Target/Specificity	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S522 of human CRMP2 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

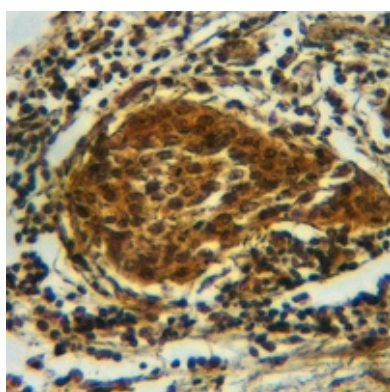
Protein Information

Name	DPYSL2
Synonyms	CRMP2, ULIP2
Function	Plays a role in neuronal development and polarity, as well as in axon growth and guidance, neuronal growth cone collapse and cell migration. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. May play a role in endocytosis.
Cellular Location	Cytoplasm, cytosol. Cytoplasm, cytoskeleton. Membrane. Note=Tightly but non-covalently associated with membranes
Tissue Location	Ubiquitous.

Images



Western blot analysis of CRMP2 (Phospho-S522) expression in A375 (A), MCF7 (B), PC12 (C), AML12 (D) whole cell lysates. (Predicted band size: 62 kD; Observed band size: 70 kD)



Immunohistochemical analysis of CRMP2 (Phospho-S522) staining in human kidney cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.