

Datasheet for ABIN683668  
**anti-DPYSL2 antibody (pThr514)**

## 2 Publications

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## Overview

Quantity:	100 µL
Target:	DPYSL2
Binding Specificity:	pThr514
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPYSL2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human CRMP-2 around the phosphorylation site of Thr514
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.



## Target Details

Target:	DPYSL2
Alternative Name:	CRMP2 ( <a href="#">DPYSL2 Products</a> )
Background:	<p>Synonyms: Dihydropyrimidinase-related protein 2, DRP-2, Collapsin response mediator protein 2, CRMP-2, N2A3, Unc-33-like phosphoprotein 2, ULIP-2, DPYSL2, CRMP2, ULIP2</p> <p>Background: 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.</p>
Gene ID:	1808
Pathways:	<a href="#">Regulation of Cell Size</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



## Publications

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Product cited in: Guo, Zhao, Ming, Hong, Liu, Li: "Sumatriptan inhibits the electrophysiological activity of ASICs in rat trigeminal ganglion neurons." in: **European journal of pharmacology**, Vol. 841, pp. 98-103, (2019) ([PubMed](#)).

Zheng, Liu, Li, Tang, Zhang, Tang: "Lithium posttreatment confers neuroprotection through glycogen synthase kinase-3 $\beta$  inhibition in intracerebral hemorrhage rats." in: **Journal of neurosurgery**, pp. 1-9, (2016) ([PubMed](#)).