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Datasheet for ABIN7138864  
**anti-DPYSL2 antibody (pThr514)**

1 Image

Overview

Quantity:	100 µL
Target:	DPYSL2
Binding Specificity:	pThr514
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPYSL2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Threonine 514(K-V-T(p)-P-A) derived from Human DRP-2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
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

Target Details

Target:	DPYSL2
Alternative Name:	DPYSL2 ( <a href="#">DPYSL2 Products</a> )

## Target Details

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**Background:** 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 By similarity. Plays a role in neuron projection morphogenesis.

**Aliases:** Collapsin response mediator protein 2 antibody, Collapsin response mediator protein antibody, Collapsin response mediator protein hCRMP 2 antibody, CRAM antibody, CRMP 2 antibody, CRMP-2 antibody, CRMP2 antibody, DHPRP 2 antibody, DHPRP2 antibody, Dihydropyrimidinase 2 antibody, Dihydropyrimidinase like 2 antibody, Dihydropyrimidinase like 2 long form antibody, Dihydropyrimidinase related protein 2 antibody, Dihydropyrimidinase-related protein 2 antibody, DPYL 2 antibody, DPYL2 antibody, DPYL2\_HUMAN antibody, DPYSL 2 antibody, Dpysl2 antibody, DRP-2 antibody, DRP2 antibody, Musunc 33 antibody, Musunc33 antibody, N2A3 antibody, TOAD 64 antibody, TOAD64 antibody, ULIP 2 protein antibody, ULIP-2 antibody, Ulip2 antibody, Unc-33-like phosphoprotein 2 antibody

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**UniProt:** [Q16555](#)

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**Pathways:** [Regulation of Cell Size](#)

## Application Details

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**Application Notes:** WB:1:500-1:1000,

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Buffer:** Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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**Preservative:** Sodium azide

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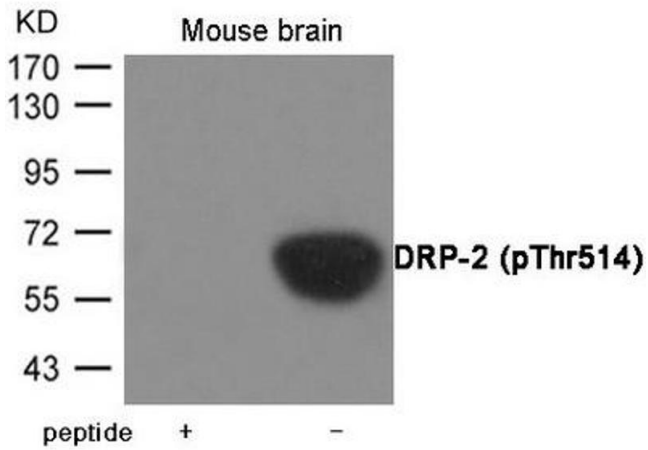
**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Storage:** -20 °C,-80 °C

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**Storage Comment:** Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Western Blotting

**Image 1.** Western blot analysis of extracts from Mouse brain tissue using DRP-2 (Phospho-Thr514) Antibody. The lane on the left is treated with the antigen-specific peptide.