

Datasheet for ABIN2784711

anti-DPYSL2 antibody (Middle Region)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	DPYSL2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPYSL2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DPYSL2
Sequence:	NIFEGMECRG SPLVVISQ GK IVLEDGTLHV TEGSGRYIPR KPFPDFVYKR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against DPYSL2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DPYSL2
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Target Details

Alternative Name:	DPYSL2 (DPYSL2 Products)
Background:	<p>DPYSL2 belongs to the DHOase family. It is necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. The protein plays a role in axon guidance, neuronal growth cone collapse and cell migration.</p> <p>Alias Symbols: CRMP2, DHPRP2, DRP-2, DRP2, N2A3, ULIP2, CRMP-2, ULIP-2</p> <p>Protein Interaction Partner: DPYSL5, GORASP2, UBC, DPYSL3, DPYSL2, CRMP1, PUS7, RANBP6, XPO7, HSPH1, EIF3J, PDE3A, DNAJB1, LEF1, IQCB1, TUBB, TUBA1A, Htt, CDK2, SIRT7, ELAVL1, DISC1, TNIK, DPYSL4, GSK3B, NUMB, PLD2, ROCK1, RHOA, AP2A1,</p> <p>Protein Size: 572</p>
Molecular Weight:	62 kDa
Gene ID:	1808
NCBI Accession:	NM_001386 , NP_001377
UniProt:	Q16555
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 572 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DPYSL2 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:12500

Positive Control: Human brain

Western Blotting

Image 2. IP Suggested Anti-DPYSL2 Antibody

Positive Control: NT2 CELL/BRAIN TISSUE

See Other Application 1 Data and Customer Feedback tab for more information.