

Datasheet for ABIN2784711

anti-DPYSL2 antibody (Middle Region)

2 Images



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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 SPLVVISQGK 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		

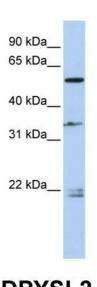
Target Details

Alternative Name:	DPYSL2 (DPYSL2 Products)		
Background:	DPYSL2 belongs to the DHOase family. It is necessary for signaling by class 3 semaphorins an		
	subsequent remodeling of the cytoskeleton. The protein plays a role in axon guidance, neurona		
	growth cone collapse and cell migration.		
	Alias Symbols: CRMP2, DHPRP2, DRP-2, DRP2, N2A3, ULIP2, CRMP-2, ULIP-2		
	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,		
	Protein Size: 572		
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		

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



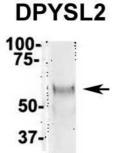
Western Blotting

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.