

Datasheet for ABIN2784712
anti-DPYSL3 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	DPYSL3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPYSL3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DPYSL3
Sequence:	VFDLTTTPKG GTPAGSARGS PTRPNPPVRN LHQSGFSLSG TQVDEGVRSA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against DPYSL3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DPYSL3
---------	--------

Target Details

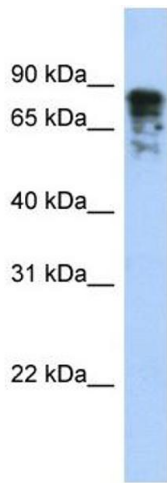
Alternative Name:	DPYSL3 (DPYSL3 Products)
Background:	<p>DPYSL3 is necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. DPYSL3 plays a role in axon guidance, neuronal growth cone collapse and cell migration.</p> <p>Alias Symbols: CRMP-4, CRMP4, DRP-3, DRP3, ULIP, LCRMP, ULIP-1</p> <p>Protein Interaction Partner: DPYSL2, CRMP1, SUMO2, UBC, SEC23A, CUL2, ST13, MSH2, JUP, XRCC6, TUBB, TUBA1A, CDK2, ACD, POT1, TERF1, DISC1, TNIK, DPYSL5,</p> <p>Protein Size: 570</p>
Molecular Weight:	62 kDa
Gene ID:	1809
NCBI Accession:	NM_001387 , NP_001378
UniProt:	Q14195

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 570 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.



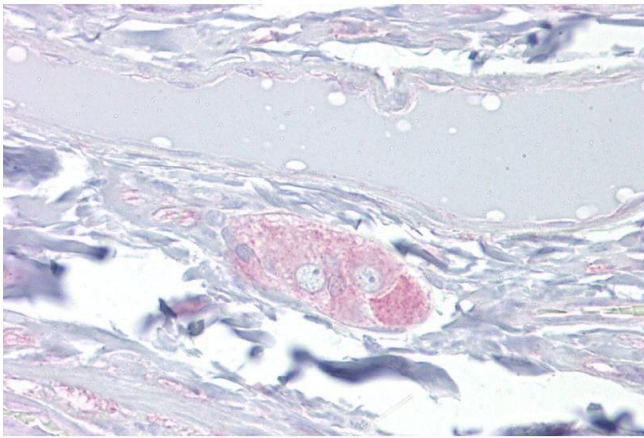
Western Blotting

Image 1. WB Suggested Anti-DPYSL3 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: Transfected 293T



Immunohistochemistry

Image 2. Immunohistochemistry with Small intestine, submucosal plexus tissue at an antibody concentration of 10µg/ml using anti-DPYSL3 antibody (ARP51962_P050)