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DPYSL3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14234b

Specification

DPYSL3 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q14195
Other Accession	Q62952, Q62188, NP_001378.1
Reactivity	**Human**
Predicted	**Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**61963**
Antigen Region	**461-490**

DPYSL3 Antibody (C-term) - Additional Information

Gene ID 1809

Other Names
Dihydropyrimidinase-related protein 3, DRP-3, Collapsin response mediator protein 4, CRMP-4, Unc-33-like phosphoprotein 1, ULIP-1, DPYSL3, CRMP4, DRP3, ULIP, ULIP1

Target/Specificity
This DPYSL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 461-490 amino acids from the C-terminal region of human DPYSL3.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
DPYSL3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DPYSL3 Antibody (C-term) - Protein Information

Name DPYSL3

Synonyms CRMP4, DRP3, ULIP, ULIP1

Function Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, neuronal growth cone collapse and cell migration (By similarity).

Cellular Location
Cytoplasm. Cell projection, growth cone. Note=Colocalizes with synaptic vesicle protein 2 in the central region of the growth cone.

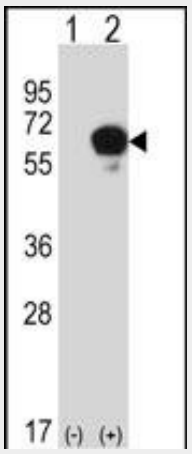
Tissue Location
Mainly expressed in heart and skeletal muscle. Also strongly expressed in fetal brain and spinal cord

DPYSL3 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

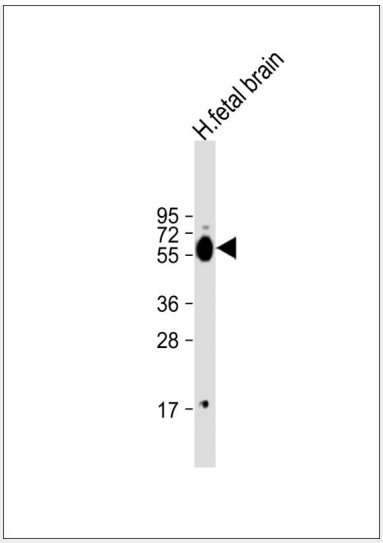
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DPYSL3 Antibody (C-term) - Images

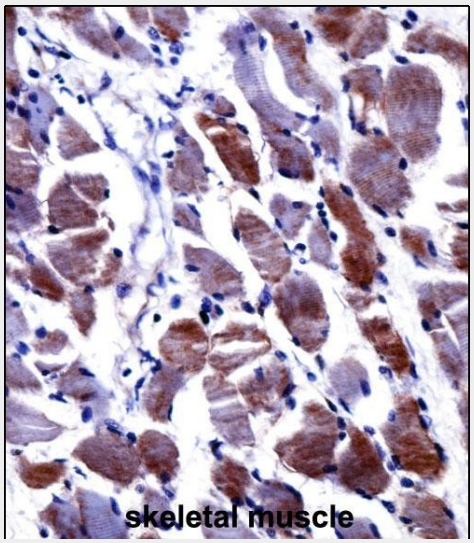


Western blot analysis of DPYSL3 (arrow) using rabbit polyclonal DPYSL3 Antibody (C-term) (Cat. #AP14234b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DPYSL3 gene.

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Anti-DPYSL3 Antibody (C-term) at 1:1000 dilution + human fetal brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 62 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



DPYSL3 Antibody (C-term) (AP14234b)immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of DPYSL3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

DPYSL3 Antibody (C-term) - Background

Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, neuronal growth cone collapse and cell migration (By similarity).

DPYSL3 Antibody (C-term) - References

Okita, K., et al. Cancer Sci. 101(11):2333-2340(2010)
Gao, X., et al. Oncogene 29(32):4555-4566(2010)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)