

DPYSL5 Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AW5612

Specification

DPYSL5 Antibody - Product Information

Application	WB, IF,E
Primary Accession	Q9BPU6
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	H=61;M=62;R=62 KDa
Isotype	IgG1,K
Antigen Source	HUMAN

DPYSL5 Antibody - Additional Information

Gene ID 56896

Antigen Region
300-584

Other Names

Dihydropyrimidinase-related protein 5, DRP-5, CRMP3-associated molecule, CRAM, Collapsin response mediator protein 5, CRMP-5, UNC33-like phosphoprotein 6, ULIP-6, DPYSL5, CRMP5, ULIP6

Dilution

WB~~1:4000
IF~~1:25

Target/Specificity

This DPYSL5 antibody is generated from a mouse immunized with a recombinant protein of human DPYSL5.

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

DPYSL5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

DPYSL5 Antibody - Protein Information

Name DPYSL5

Synonyms CRMP5, ULIP6

Function

Involved in the negative regulation of dendrite outgrowth.

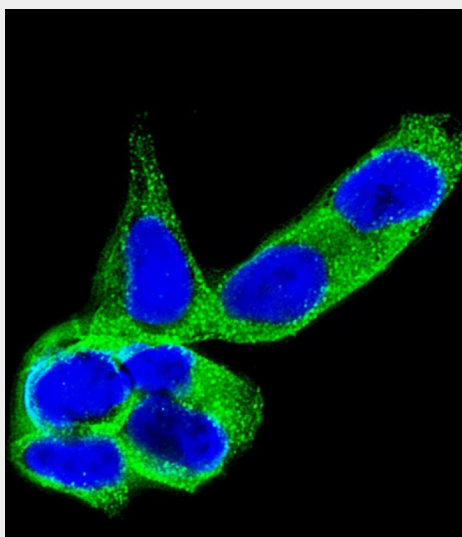
Cellular Location

Cytoplasm.

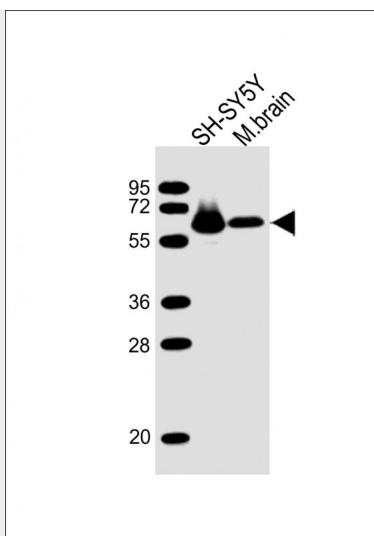
DPYSL5 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DPYSL5 Antibody - Images

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized SH-SY5Y (human neuroblastoma cell line) cells labeling Pdx1 with AW5612 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-mouse IgG (NA166821) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on SH-SY5Y cell line. The nuclear counter stain is DAPI (blue).



All lanes : Anti-DPYL5 Antibody at 1:4000 dilution Lane 1: SH-SY5Y whole cell lysate Lane 2: mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 61 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

DPYSL5 Antibody - Background

May have a function in neuronal differentiation and/or axon growth.

DPYSL5 Antibody - References

Aguera M.,et al.Submitted (MAY-2000) to the EMBL/GenBank/DDBJ databases.
Horiuchi M.,et al.FEBS Lett. 480:283-286(2000).
Yu Z.,et al.Ann. Neurol. 49:146-154(2001).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Lubec G.,et al.Submitted (DEC-2008) to UniProtKB.