

DPYSL5 Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8473b

Specification

DPYSL5 Antibody - Product Information

Application	IF, WB,E
Primary Accession	O9BPU6
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	monoclonal
Isotype	IgG1,k
Calculated MW	61421

DPYSL5 Antibody - Additional Information

Gene ID 56896

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

Target/Specificity

This DPYL5 antibody is generated from a mouse immunized with a recombinant protein of human DPYL5.

Dilution

IF~~1:25

WB~~1:4000

Format

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

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

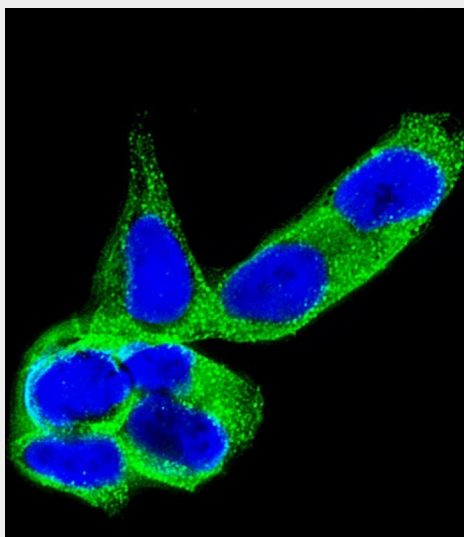
Cytoplasm.

DPYSL5 Antibody - Protocols

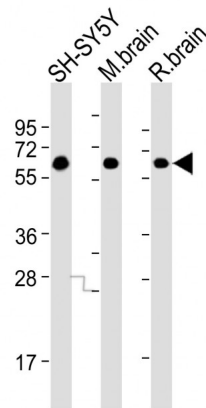
Provided below are standard protocols that you may find useful for product applications.

- [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 DPYSL5 with AM8473b 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-DPYSL5 Antibody at 1:4000 dilution Lane 1: SH-SY5Y whole cell lysates Lane 2: mouse brain lysates Lane 3: rat brain lysates 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% NFDN/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.