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DPYSL5 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8473b

Product Information

Application	WB, IF, E
Primary Accession	Q9BPU6
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Mouse
Clonality	monoclonal
Isotype	IgG1,k
Clone Names	1503CT789.209.250.52
Calculated MW	61421

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	WB~~1:4000 IF~~1:25 E~~Use at an assay dependent concentration.
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.

Protein Information

Name	DPYSL5
Synonyms	CRMP5, ULIP6
Function	Involved in the negative regulation of dendrite outgrowth.

Cellular Location Cytoplasm.

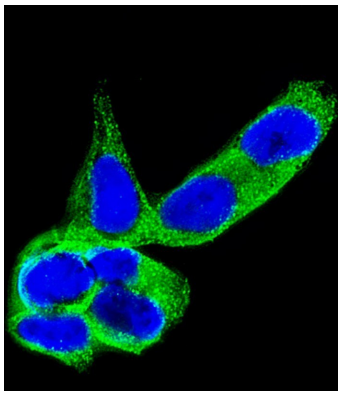
Background

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

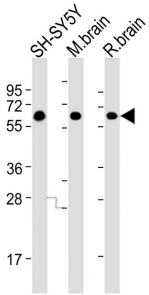
References

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.

Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized SH-SY5Y (human neuroblastoma cell line) cells labeling DPYL5 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-DPYL5 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% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.