

DPYSL5 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5521

Product Information

Application	WB, IF
Primary Accession	Q9BPU6
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61421
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	56896
Antigen Region	478-512
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~~1:2000 IF~~1:25
Target/Specificity	This DPYSL5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 478-512 amino acids from the C-terminal region of human DPYSL5.
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	DPYSL5 Antibody (C-term) 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.

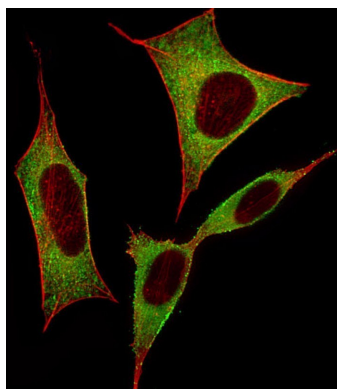
Background

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

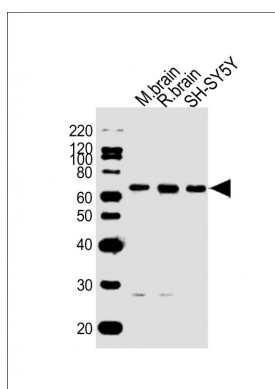
References

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).
Kalnina 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 Pdx1 with AW5521 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (NK179883) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on SH-SY5Y cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (PD18466410) at 1/100 dilution (red).



All lanes : Anti-DPYSL5 Antibody (C-term) at 1:2000 dilution Lane 1: mouse brain lysates Lane 2: rat brain lysates Lane 3: SH-SY5Y whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit 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'.