

**DPYSL5 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5521**

**Specification**

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**DPYSL5 Antibody (C-term) - Product Information**

Application	IF, WB,E
Primary Accession	<a href="#">Q9BPU6</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=61;M=62;R=62 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**DPYSL5 Antibody (C-term) - 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**

IF~~1:25  
WB~~1:2000

**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.

**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.

**DPYSL5 Antibody (C-term) - Protein Information**

**Name** DPYSL5

**Synonyms** CRMP5, ULIP6

**Function**

Involved in the negative regulation of dendrite outgrowth.

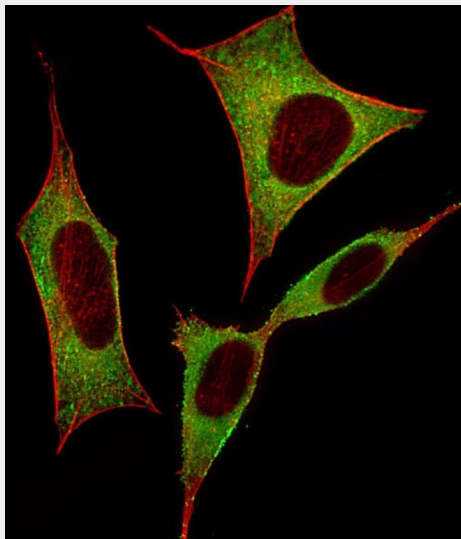
**Cellular Location**

Cytoplasm.

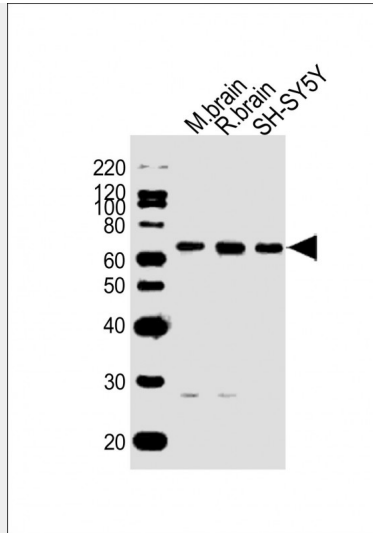
**DPYSL5 Antibody (C-term) - Protocols**

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

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

**DPYSL5 Antibody (C-term) - 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.

#### **DPYSL5 Antibody (C-term) - Background**

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

#### **DPYSL5 Antibody (C-term) - 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.