

# DPYSL5 Antibody

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AW5612

## Product Information

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<b>Application</b>	IF, WB
<b>Primary Accession</b>	<a href="#">Q9BPU6</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Calculated MW</b>	61421
<b>Isotype</b>	IgG1,K
<b>Antigen Source</b>	HUMAN

## Additional Information

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<b>Gene ID</b>	56896
<b>Antigen Region</b>	300-584
<b>Other Names</b>	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
<b>Dilution</b>	IF~~1:25 WB~~1:4000
<b>Target/Specificity</b>	This DPYSL5 antibody is generated from a mouse immunized with a recombinant protein of human DPYSL5.
<b>Storage</b>	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.
<b>Precautions</b>	DPYSL5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	DPYSL5
<b>Synonyms</b>	CRMP5, ULIP6
<b>Function</b>	Involved in the negative regulation of dendrite outgrowth.
<b>Cellular Location</b>	Cytoplasm.

## Background

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

## References

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Aguera M.,et al.Submitted (MAY-2000) to the EMBL/GenBank/DDBJ databases.

Horiuchi M.,et al.FEBS Lett. 480:283-286(2000).

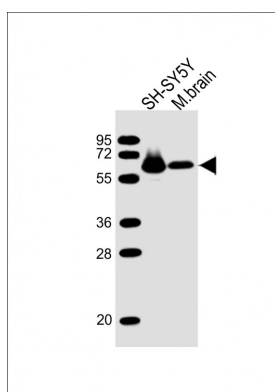
Yu Z.,et al.Ann. Neurol. 49:146-154(2001).

Kalnina N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

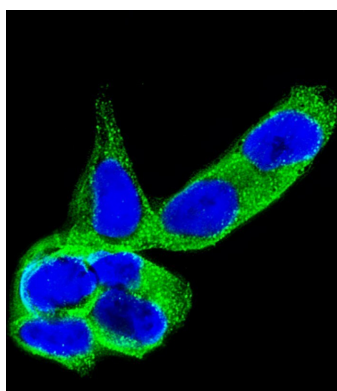
Lubec G.,et al.Submitted (DEC-2008) to UniProtKB.

## Images

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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.



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0. 1% Triton X-100 permeabilized SH-SY5Y (human neuroblastoma cell line) cells labeling Pdx1 with AW5610 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).

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