

Mouse DPYSL5 Monoclonal Antibody | anti-DPYSL5 antibody

DPYSL5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290435	Mouse	Human, Mouse, Rat	Immunofluorescence, ELISA, Western Blot

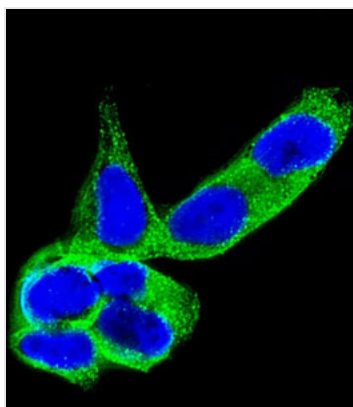
PRODUCT SYNONYMS

DPYSL5; Monoclonal Antibody; DPYSL5 Antibody; Purified Mouse Monoclonal Antibody (Mab); Dihydropyrimidinase-related protein 5; DRP-5; CRMP3-associated molecule; CRAM; Collapsin response mediator protein 5; CRMP-5; UNC33-like phosphoprotein 6; ULIP-6; CRMP5; ULIP6; anti-DPYSL5 antibody

PRODUCT SPECIFICATIONS

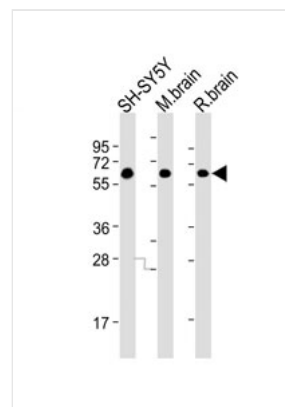
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1, k
Specificity	This DPYL5 antibody is generated from a mouse immunized with a recombinant protein of human DPYL5.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	564
Applicable Applications for anti-DPYSL5 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Source	Human
Cellular Location	Cytoplasm.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized SH-SY5Y (human neuroblastoma cell line) cells labeling DPYL5 with AAA290435 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-mouse IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on SH-SY5Y cell line. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

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 mug 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.

ADDITIONAL INFORMATION

Related Product Information for anti-DPYSL5 antibody	May have a function in neuronal differentiation and/or axon growth.
Product Categories/Family for anti-DPYSL5 antibody	Crown Antibodies; Neuroscience
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	359279859
NCBI GeneID	56896
NCBI Accession #	NP_001240652.1
NCBI GenBank Nucleotide #	NM_001253723.1
UniProt Accession #	Q9BPU6; Q8TCL6; Q9NQC4; Q9NRY9
Molecular Weight	61421
NCBI Official Full Name	dihydropyrimidinase-related protein 5
NCBI Official Synonym Full Names	dihydropyrimidinase like 5
NCBI Official Symbol	DPYSL5
NCBI Official Synonym Symbols	CRAM; CRMP5; Ulip6; CRMP-5
NCBI Protein Information	dihydropyrimidinase-related protein 5
UniProt Protein Name	Dihydropyrimidinase-related protein 5
UniProt Gene Name	DPYSL5
UniProt Synonym Gene Names	CRMP5; ULIP6; DRP-5; CRAM; CRMP-5; ULIP-6
UniProt Entry Name	DPYL5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dpysl5-antibody-immunofluorescence-western-blot-elisa/290435>