



# DPYL3 mouse mAb

<b>Catalog No</b>	BYmab-08064
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	DPYSL3 CRMP4 DRP3 ULIP ULIP1
<b>Protein Name</b>	DPYL3
<b>Immunogen</b>	Synthesized peptide derived from human DPYL3 AA range: 240-290
<b>Specificity</b>	This antibody detects endogenous levels of DPYL3 at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.179% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Dihydropyrimidinase-related protein 3 (DRP-3) (Collapsin response mediator protein 4) (CRMP-4) (Unc-33-like phosphoprotein 1) (ULIP-1)
<b>Observed Band</b>	65kD
<b>Cell Pathway</b>	Cytoplasm . Cell projection, growth cone . Colocalizes with synaptic vesicle protein 2 in the central region of the growth cone. .
<b>Tissue Specificity</b>	Mainly expressed in heart and skeletal muscle. Also strongly expressed in fetal brain and spinal cord.
<b>Function</b>	function:Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, neuronal growth cone collapse and cell migration.,similarity:Belongs to the DHOase family. Hydantoinase/dihydropyrimidinase subfamily.,subcellular location:Colocalizes with synaptic vesicle protein 2 in the central region of the growth cone.,subunit:Homotetramer, and heterotetramer with CRMP1, DPYSL2, DPYSL4 or DPYSL5 (By similarity). Interacts with synaptic vesicle protein 2 and SH3A domain of intersectin.,tissue specificity:Mainly in heart and skeletal muscle. Also expressed strongly in fetal brain and spinal cord.,

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## Background

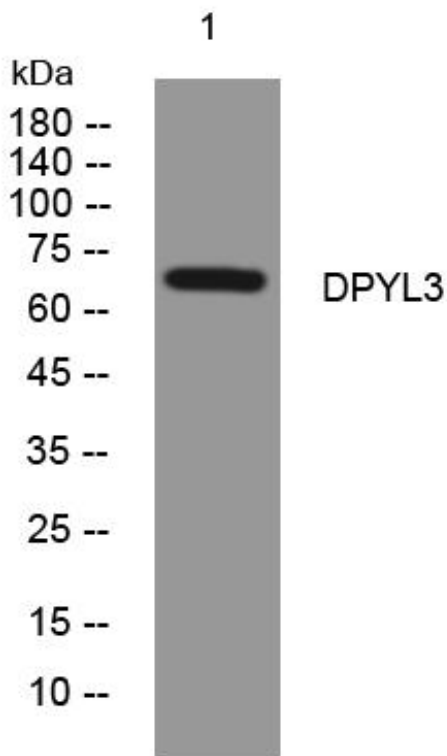
### matters needing attention

Avoid repeated freezing and thawing!

### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using DPYL3 mouse mAb