

DPYL3 Rabbit pAb

CatalogNo: YN3221

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 65kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human DPYL3 AA range: 240-290

Specificity This antibody detects endogenous levels of DPYL3 at Human/Mouse/Rat

Target Information

Gene name DPYSL3 CRMP4 DRP3 ULIP ULIP1

Protein Name DPYL3

Organism	Gene ID	UniProt ID
Human	1809;	Q14195;
Mouse	22240;	Q62188;
Rat	25418;	Q62952;

Cellular Localization

Cytoplasm . Cell projection, growth cone . Colocalizes with synaptic vesicle protein 2 in the central region of the growth cone. .

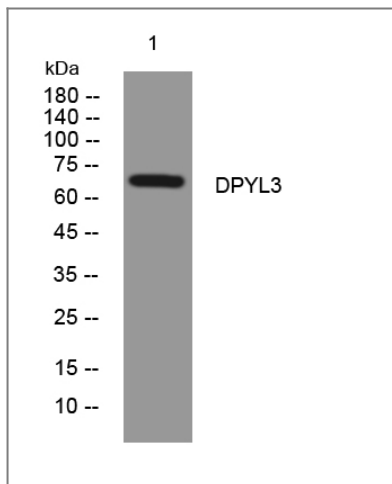
Tissue specificity

Mainly expressed in heart and skeletal muscle. Also strongly expressed in fetal brain and spinal cord.

Function

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.,

Validation Data



Western blot analysis of lysates from MDA-MB cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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