

DPYSL2

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF IP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:20 - 1:200 IF 1:20 - 1:100 IP 1:20 - 1:50

Calculated MW: 62kDa

Observed MW: Refer to figures

Immunogen:

A synthetic Peptide of human DPYSL2

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Catalog #: A0652

Antibody Type:

Monoclonal Antibody

Species: 23

Gene ID: 1808

Isotype: IgG

Swiss Prot: Q16555

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the collapsin response mediator protein family. Collapsin response mediator proteins form homo- and hetero-tetramers and facilitate neuron guidance, growth and polarity. The encoded protein promotes microtubule assembly and is required for Sema3A-mediated growth cone collapse, and also plays a role in synaptic signaling through interactions with calcium channels. This gene has been implicated in multiple neurological disorders, and hyperphosphorylation of the encoded protein may play a key role in the development of Alzheimer's disease. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2011]

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