

## 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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