

OPHN1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 92kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human OPHN1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

OPN1; MRX60; ARHGAP41;

Catalog #: A6940

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4983

Isotype: IgG

Swiss Prot: O60890

Purity: Affinity purification

For research use only.

Background:

This gene encodes a Rho-GTPase-activating protein that promotes GTP hydrolysis of Rho subfamily members. Rho proteins are important mediators of intracellular signal transduction, which affects cell migration and cell morphogenesis. Mutations in this gene are responsible for OPHN1-related X-linked mental retardation with cerebellar hypoplasia and distinctive facial dysmorphism.

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