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# 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 dysmorhphism.

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