

## RPGR

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

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

**Calculated MW:**113kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human RPGR

**Storage Buffer:**

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

**Concentration:**

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**Synonym:**

CRD; RP3; COD1; PCDX; RP15; XLRP3; orf15; CORDX1;

**Catalog #:**A1844

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6103

**Isotype:**IgG

**Swiss Prot:**Q92834

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a protein with a series of six RCC1-like domains (RLDs), characteristic of the highly conserved guanine nucleotide exchange factors. The encoded protein is found in the Golgi body and interacts with RPGRIP1. This protein localizes to the outer segment of rod photoreceptors and is essential for their viability. Mutations in this gene have been associated with X-linked retinitis pigmentosa (XLRP). Multiple alternatively spliced transcript variants that encode different isoforms of this gene have been reported, but the full-length natures of only some have been determined. [provided by RefSeq, Dec 2008]

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