

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:

j

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 nature of only some have been determined. [provided by RefSeq, Dec 2008]

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