

Rabbit RPGR Polyclonal Antibody | anti-RPGR antibody

RPGR Antibody

CATALOG # AAA168635	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

RPGR; Polyclonal Antibody; RPGR Antibody; CRD; RP3; COD1; PCDX; RP15; XLRP3; orf15; CORDX1; anti-RPGR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	646
Applicable Applications for anti-RPGR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human RPGR
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-14672
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using RPGR antibody at dilution of 1:100 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RPGR antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPGR antibody

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]

NCBI AND UNIPROT INFORMATION

NCBI GI #	5823976
UniProt Accession #	Q92834; O00702; O00737; Q3KN84; Q8N5T6; Q93039; Q9HD29; Q9UMR1; B1ARN3; E9PE28
Molecular Weight	127,042 Da
NCBI Official Full Name	RPGR protein
UniProt Protein Name	X-linked retinitis pigmentosa GTPase regulator
UniProt Gene Name	RPGR
UniProt Synonym Gene Names	RP3; XLRP3
UniProt Entry Name	RPGR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rpgr-antibody-immunohistochemistry-western-blot-elisa/168635>