

Rabbit anti-Human RPGR Polyclonal Antibody | anti-RPGR antibody

RPGR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229093	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

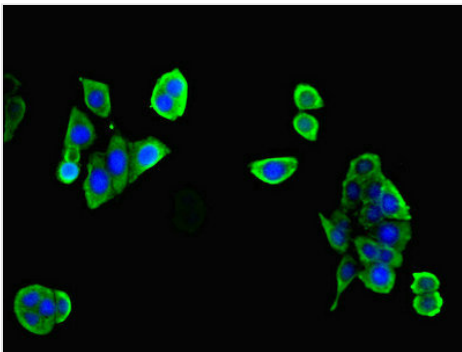
PRODUCT SYNONYMS

RPGR; Polyclonal Antibody; RPGR Antibody; X-linked retinitis pigmentosa GTPase regulator; RP3; XLRP3; anti-RPGR antibody

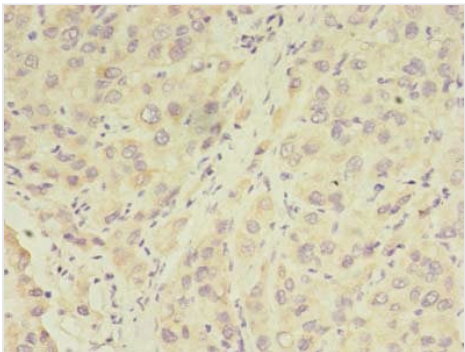
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	815
Applicable Applications for anti-RPGR antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human X-linked retinitis pigmentosa GTPase regulator protein (1-180AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-14672
Immunogen Species	Homo sapiens (Human)
Research Area	Neuroscience
Target Names	RPGR
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

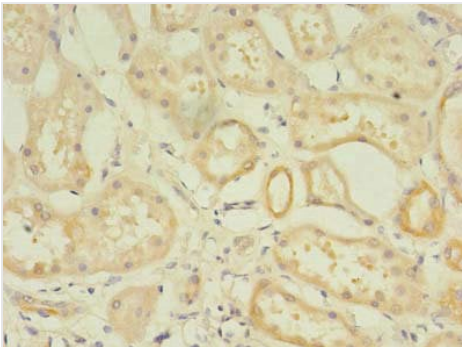
IMAGES



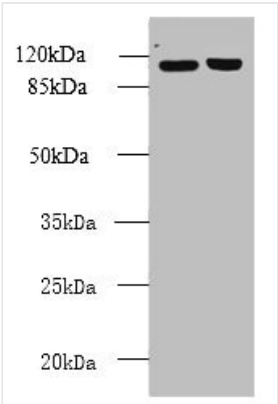
IF (Immunofluorescence)
Immunofluorescent analysis of PC3 cells using AAA229093 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA229093 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA229093 at dilution of 1:100



WB (Western Blot)
Western blotAll lanes: RPGR antibody at 6ug/mlLane 1: 293T whole cell lysateLane 2: Hela whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 114,91,71,84,53,128 kDaObserved band size: 114 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RPGR antibody	Could be a guanine-nucleotide releasing factor. Plays a role in ciliogenesis. Probably regulates cilia formation by regulating actin stress filaments and cell contractility. Plays an important role in photoreceptor integrity. May play a critical role in spermatogenesis and in intraflagellar transport processes (By similarity). May be involved in microtubule organization and regulation of transport in primary cilia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506581
NCBI GeneID	6103
NCBI Accession #	NP_000319.1
NCBI GenBank Nucleotide #	NM_000328.2
UniProt Accession #	Q92834; O00702; O00737; Q3KN84; Q8N5T6; Q93039; Q9HD29; Q9UMR1; B1ARN3; E9PE28
NCBI Official Full Name	X-linked retinitis pigmentosa GTPase regulator isoform A
NCBI Official Synonym Full Names	retinitis pigmentosa GTPase regulator
NCBI Official Symbol	RPGR
NCBI Official Synonym Symbols	CRD; RP3; COD1; PCDX; RP15; XLRP3; orf15; CORDX1
NCBI Protein Information	X-linked retinitis pigmentosa GTPase regulator

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-immunofluorescence-immunohistochemistry-western-blot-elisa/229093>