# antibodies - online.com







# anti-RPGR antibody (AA 744-772)

**Images** 



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Overview			
Quantity:	400 μL		
Target:	RPGR		
Binding Specificity:	AA 744-772		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This RPGR antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))		
Product Details			
Immunogen:	This RPGR antibody is generated from rabbits immunized with a KLH conjugated synthetic		
	peptide between 744-772 amino acids of human RPGR.		
Clone:	RB31028		
Isotype:	IgG		
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.		
Target Details			
Target:	RPGR		
Alternative Name:	RPGR (RPGR Products)		
Background:	This gene encodes a protein with a series of six RCC1-like domains (RLDs), characteristic of the		

# **Target Details**

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.

 Molecular Weight:
 113387

 Gene ID:
 6103

 NCBI Accession:
 NP\_000319, NP\_001030025

UniProt: Q92834

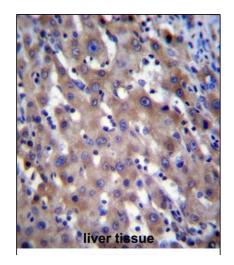
# **Application Details**

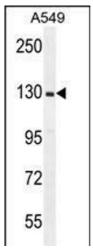
Application Notes: WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50

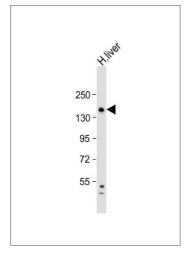
Restrictions: For Research Use only

# Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	RPGR Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.	
Expiry Date:	6 months	







# Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** RPGR Antibody (C-term) (ABIN656160 and ABIN2845491) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of RPGR Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

### **Western Blotting**

**Image 2.** RPGR Antibody (C-term) (ABIN656160 and ABIN2845491) western blot analysis in A549 cell line lysates (35  $\mu$ g/lane).This demonstrates the RPGR antibody detected the RPGR protein (arrow).

# **Western Blotting**

Image 3. Anti-RPGR Antibody (C-term) at 1:1000 dilution + human liver lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 113 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.