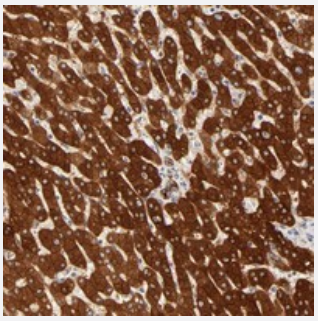
RPGR polyclonal antibody

Catalog # PAB20072 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver with RPGR polyclonal antibody (Cat # PAB20072) shows distinct cytoplasmic and membranous positivity in hepatocytes at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant RPGR.
Immunogen	Recombinant protein corresponding to amino acids of human RPGR.
Sequence	EINDTCLSVATFLPYSSLTSGNVLQRTLSARMRRRERERSPDSFSMRRTLPPIEGTLGLSACFLPN SVFPRCSERNLQESVLSEQDLMQPEEPDYLLDEMTKEAEIDNSSTVESLGETTDILNMTHIMSLN
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — RPGR

Entrez GeneID	6103
Protein Accession#	Q92834
Gene Name	RPGR
Gene Alias	COD1, CORDX1, CRD, PCDX, RP15, RP3, XLRP3, orf15
Gene Description	retinitis pigmentosa GTPase regulator
Omim ID	300029 300389 300455 304020 312610
Gene Ontology	Hyperlink
Gene Summary	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 photorecepto rs and is essential for their viability. Mutations in this gene have been associated with X-linked reti nitis pigmentosa (XLRP). Multiple alternatively spliced transcript variants that encode different isof orms of this gene have been reported, but the full-length natures of only some have been determin ed. [provided by RefSeq
Other Designations	OTTHUMP00000023140|retinitis pigmentosa 15, cone dystrophy 1 (X-linked)|retinitis pigmentos a 3 GTPase regulator

Disease

- Genetic Diseases
- Retinal Diseases

- Retinitis Pigmentosa
- Vision Disorders