

Product Datasheet

RPGR Antibody - BSA Free NBP1-84412

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 2

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Updated 12/2/2025 v.20.1

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NBP1-84412

RPGR Antibody - BSA Free

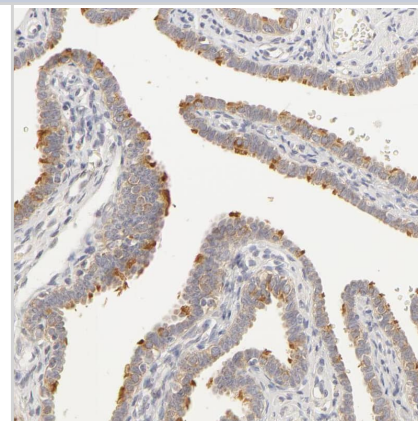
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit RPGR Antibody - BSA Free (NBP1-84412) is a polyclonal antibody validated for use in IHC. Anti-RPGR Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6103
Gene Symbol	RPGR
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EINDTCLSVATFLPYSSLTSGNVLQRTLARMRRRERERSPDSFSMRRTLPPIE GTLGLSACFLPNSVFPRCSERNLQESVLSEQDLMQPEEPDYLLDEMTKEAID NSSTVESLGETTDILNMTHIMSLN

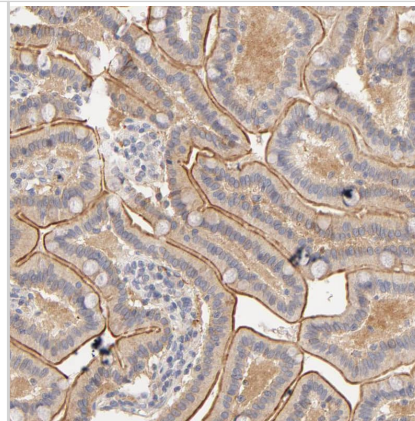
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

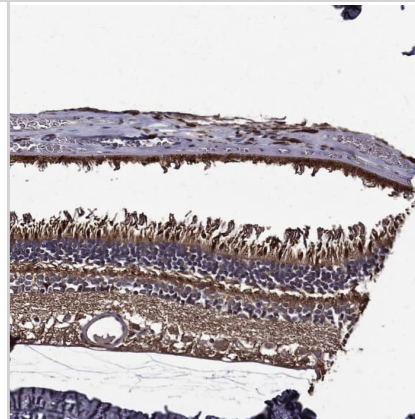
Staining of human fallopian tube shows strong positivity in cilia in glandular cells.



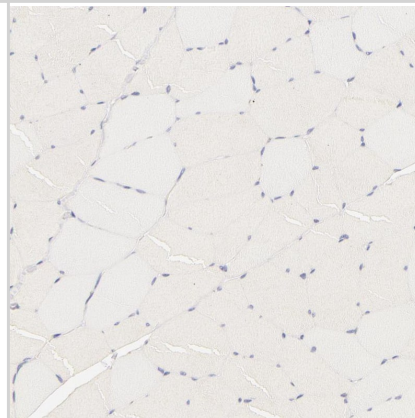
Staining of human duodenum shows moderate positivity in apical membrane in glandular cells.



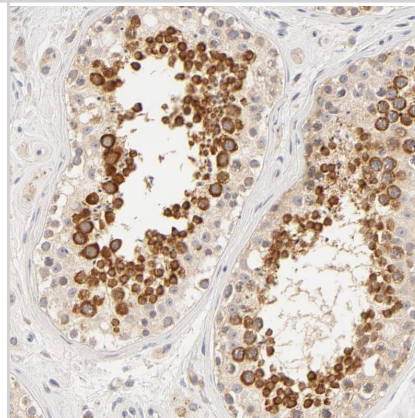
Staining of human eye, retina shows strong cytoplasmic positivity.



Staining of human skeletal muscle shows no cytoplasmic positivity in myocytes as expected.



Staining of human testis shows strong membranous and cytoplasmic positivity in cells in seminiferous ducts.



Publications

Gakovic M, Shu X, Kasioulis I et al. The role of RPGR in cilia formation and actin stability. Hum Mol Genet 2011-12-01 [PMID: 21933838]

Shu X, Zeng Z, Gautier P et al. Zebrafish Rpgr is required for normal retinal development and plays a role in dynein-based retrograde transport processes. Hum Mol Genet 2010-02-01 [PMID: 19955120]



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Products Related to NBP1-84412

NBP1-84412PEP

RPGR Recombinant Protein Antigen

HAF008

Goat anti-Rabbit IgG Secondary Antibody [HRP]

NB7160

Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]

NBP2-24891

Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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