

Product Datasheet

GPRC5B Antibody - BSA Free

NBP1-87160

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: 1

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NBP1-87160

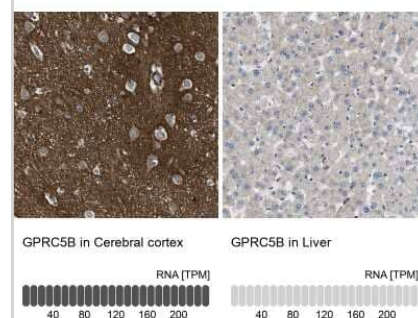
GPRC5B Antibody - BSA Free

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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit GPRC5B Antibody - BSA Free (NBP1-87160) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51704
Gene Symbol	GPRC5B
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (83%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IHCTLLPALQENTPNYFDTSQPRMRETAFEEDVQLPRAYMENKAFSMDEHNAA LRTAGFPNGSLGKRPSGSLGKRPSAPFRSNVYQPTEMAVVLNGGTIPTAP
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

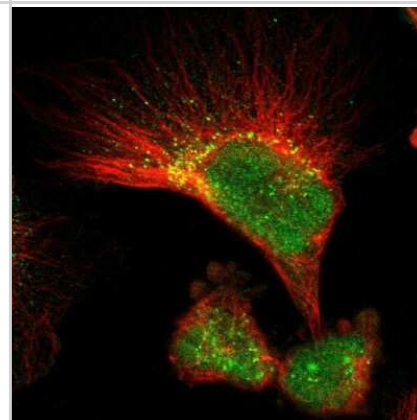


Images

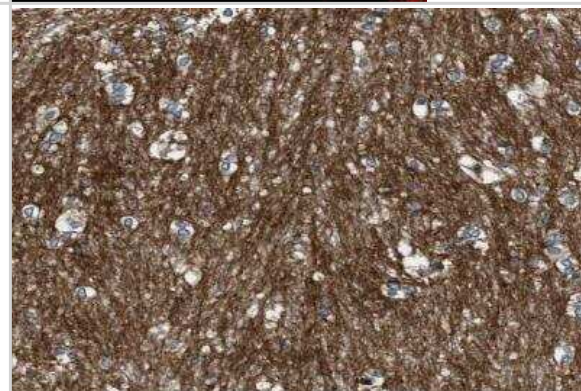
Immunohistochemistry-Paraffin: GPRC5B Antibody [NBP1-87160] - Analysis in human cerebral cortex and liver tissues. Corresponding GPRC5B RNA-seq data are presented for the same tissues.



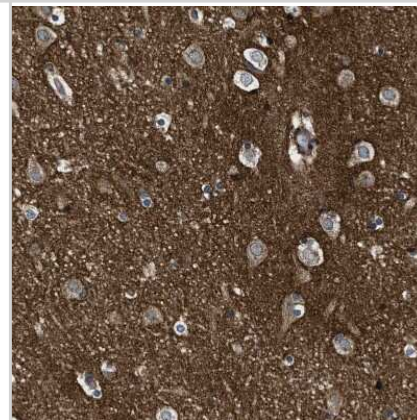
Immunocytochemistry/Immunofluorescence: GPRC5B Antibody [NBP1-87160] - Staining of human cell line U-251 MG shows localization to nucleus and vesicles.



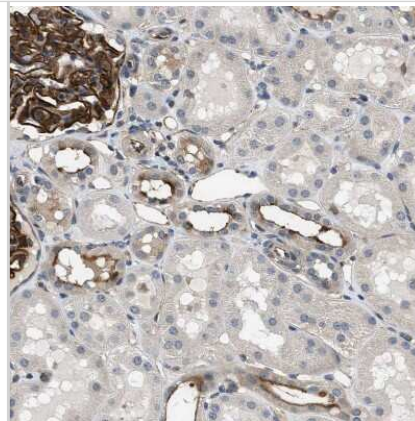
Immunohistochemistry-Paraffin: GPRC5B Antibody [NBP1-87160] - Staining of human caudate putamen shows strong membranous positivity in glial cells.



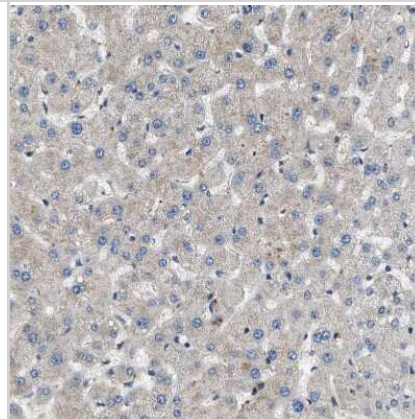
Immunohistochemistry-Paraffin: GPRC5B Antibody [NBP1-87160] - Staining of human cerebral cortex shows strong membranous positivity in neuropil.



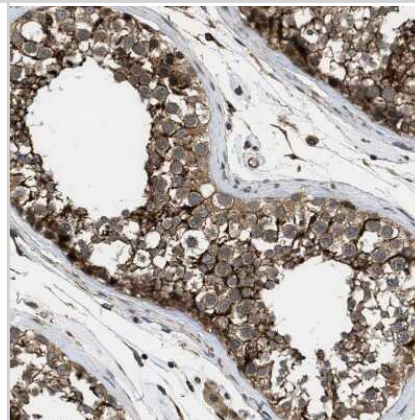
Immunohistochemistry-Paraffin: GPRC5B Antibody [NBP1-87160] - Staining of human kidney shows strong membranous positivity in cells in glomeruli and distal tubules.



Immunohistochemistry-Paraffin: GPRC5B Antibody [NBP1-87160] - Staining of human liver shows weak positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: GPRC5B Antibody [NBP1-87160] - Staining of human testis shows strong membranous and cytoplasmic positivity in cells in seminiferous ducts.



Publications

Abuhussein, O;Hosseini-Farahabadi, S;Stewart, C;Flibotte, S;Heravi-Moussavi, A;Farnell, D;Schaeffer, D;Donnellan, F;McKeon, F;Xian, W;Kelleher, D;Duggan, S; A reflux linked GATA factor fulcrum dictates lineage commitment through GPRC5B during the esophageal dysplastic transition Cellular and molecular gastroenterology and hepatology 2025-06-07 [PMID: 40490196]



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Products Related to NBP1-87160

NBP1-87160PEP	GPRC5B 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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