

Product Datasheet

TMEM87A Antibody - BSA Free NBP1-90531

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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NBP1-90531

TMEM87A 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

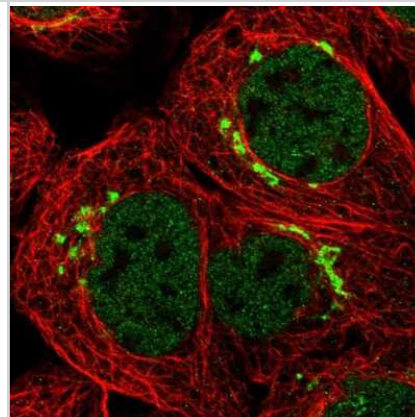
Product Description	
Description	Novus Biologicals Rabbit TMEM87A Antibody - BSA Free (NBP1-90531) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TMEM87A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	25963
Gene Symbol	TMEM87A
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (85%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TTIFLKFDGEPDLSLNITWYLKSADCYNEIYNFKAEVELYLEKLKEKRGLSGK YQTSSKLFQNCSELFKTQTFSGDFMHLPLLGKQEAKENGTN

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

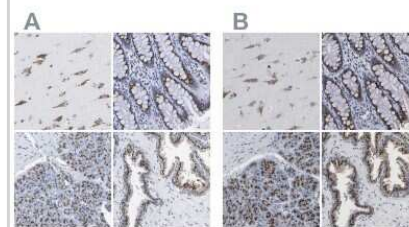


Images

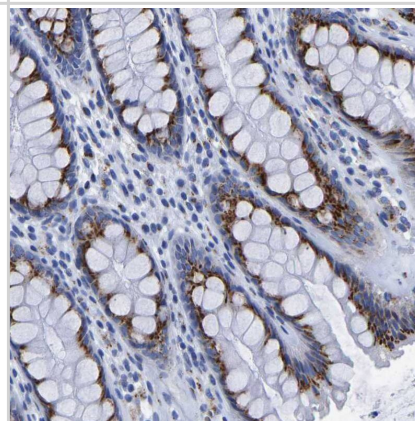
Immunocytochemistry/Immunofluorescence: TMEM87A Antibody [NBP1-90531] - Staining of human cell line A-431 shows localization to nucleoplasm & the Golgi apparatus. Antibody staining is shown in green.



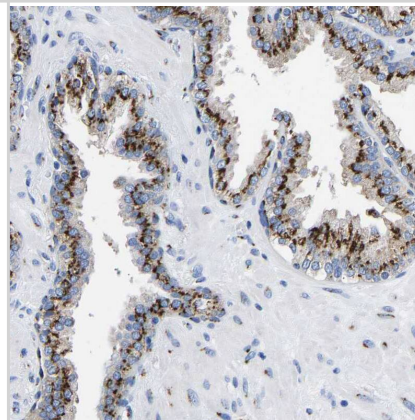
Immunohistochemistry-Paraffin: TMEM87A Antibody [NBP1-90531] - Staining of human cerebral cortex, gastrointestinal, pancreas and prostate using Anti-TMEM87A antibody NBP1-90531 (A) shows similar protein distribution across tissues to independent antibody NBP1-90532 (B).



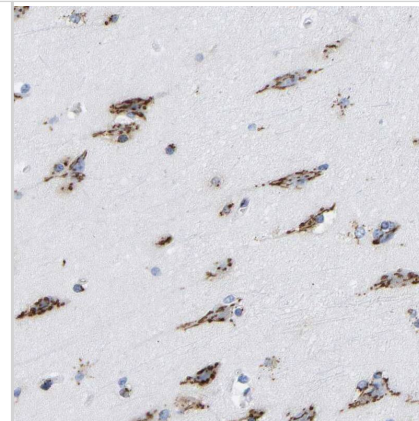
Staining of human colon shows strong cytoplasmic granular positivity in glandular cells.



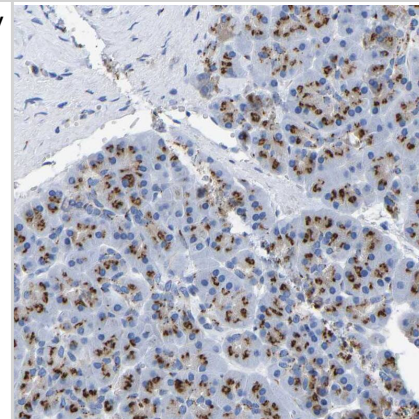
Staining of human prostate shows strong cytoplasmic granular positivity in glandular cells.



Staining of human cerebral cortex shows strong cytoplasmic granular positivity in neurons.



Staining of human pancreas shows strong cytoplasmic granular positivity in exocrine glandular cells.



Publications

Hyunji Kang, Ah-reum Han, Aihua Zhang, Heejin Jeong, Wuhyun Koh, Jung Moo Lee, Hayeon Lee, Hee Young Jo, Miguel A. Maria-Solano, Mridula Bhalla, Jea Kwon, Woo Suk Roh, Jimin Yang, Hyun Joo An, Sun Choi, Ho Min Kim, C. Justin Lee GolpHCat (TMEM87A), a unique voltage-dependent cation channel in Golgi apparatus, contributes to Golgi-pH maintenance and hippocampus-dependent memory Nature Communications 2024-07-11 [PMID: 38992057]



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Products Related to NBP1-90531

NBP1-90531PEP	TMEM87A 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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