

Product Datasheet

TMEM52B Antibody - BSA Free NBP2-49272

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: 3

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Updated 12/2/2025 v.20.1

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NBP2-49272

TMEM52B Antibody - BSA Free

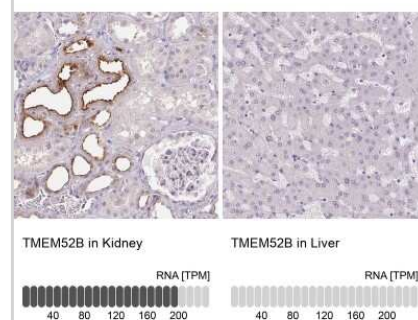
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit TMEM52B Antibody - BSA Free (NBP2-49272) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TMEM52B Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	120939
Gene Symbol	TMEM52B
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: QLPSSLDTLPGYEEALHMSRFTVAMCGQKAPDLPPVPEEKQLPPTKESTRIV DSWN

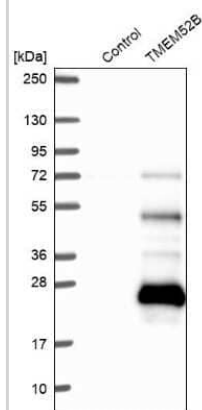
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 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

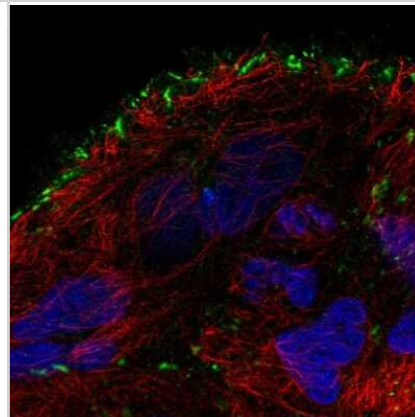
Immunohistochemistry-Paraffin: TMEM52B Antibody [NBP2-49272] - Analysis in human kidney and liver tissues using NBP2-49272 antibody. Corresponding TMEM52B RNA-seq data are presented for the same tissues.



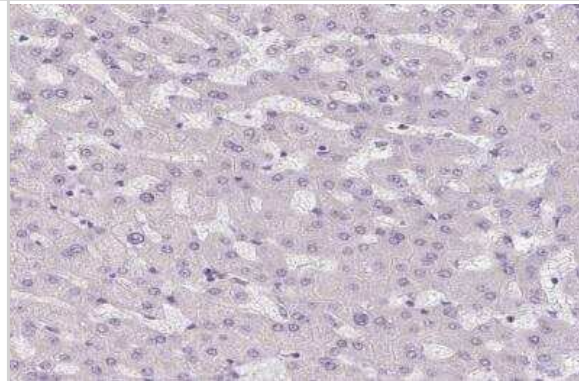
Western Blot: TMEM52B Antibody [NBP2-49272] - Analysis in control (vector only transfected HEK293T lysate) and TMEM52B over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



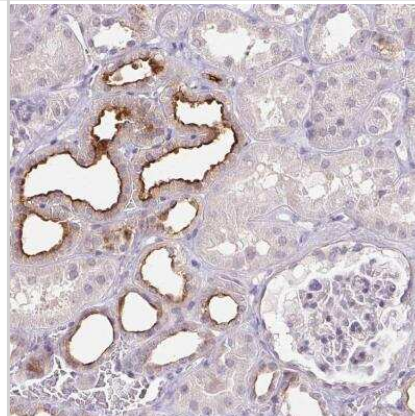
Immunocytochemistry/Immunofluorescence: TMEM52B Antibody [NBP2-49272] - Staining of human cell line CACO-2 shows localization to focal adhesion sites. Antibody staining is shown in green.



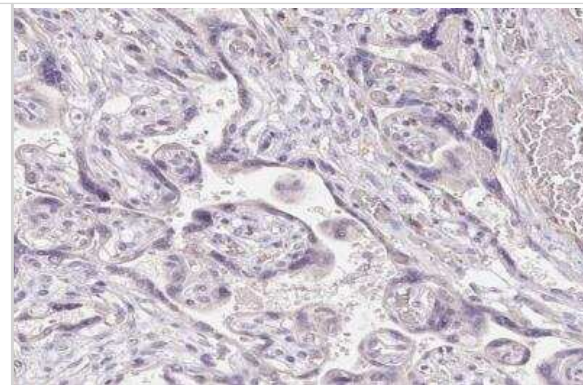
Immunohistochemistry-Paraffin: TMEM52B Antibody [NBP2-49272] - Staining of human liver shows no positivity in hepatocytes as expected.



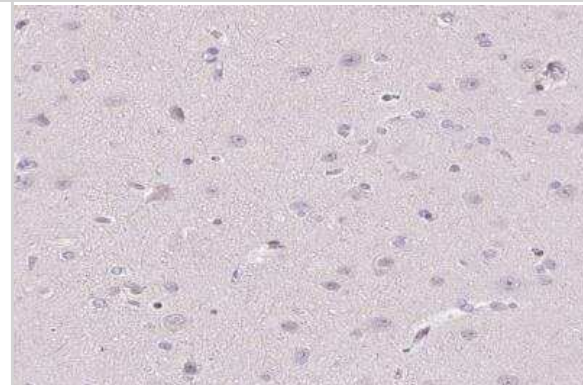
Immunohistochemistry-Paraffin: TMEM52B Antibody [NBP2-49272] - Staining of human kidney shows strong membranous positivity in a subset of distal tubules.



Immunohistochemistry-Paraffin: TMEM52B Antibody [NBP2-49272] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



Immunohistochemistry-Paraffin: TMEM52B Antibody [NBP2-49272] - Staining of human cerebral cortex shows no positivity in neuronal cells as expected.



Publications

Achieng, MA;Schnell, J;Fausto, CC;Csipán, RL;Koppitch, K;Thornton, ME;Grubbs, BH;Lindström, NO; Axial nephron fate switching demonstrates a plastic system tunable on demand Nature communications 2025-08-25 [PMID: 40855070]

Zhu Y, Lu Y, Xu C et Al. TMEM52B Isoforms P18 and P20 Differentially Promote the Oncogenesis and Metastasis of Nasopharyngeal Carcinoma Adv Sci (Weinh) 2024-06-28 [PMID: 38940427]

Xu C, Lin S, Lu Y et al. C12orf59 Promotes Esophageal Squamous Cell Carcinoma Progression via YAP-Mediated Epithelial-Mesenchymal Transition Frontiers in oncology 2022-07-04 [PMID: 35860553]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-49272

NBP2-49272PEP	TMEM52B Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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