

Product Datasheet

TMEM164 Antibody - BSA Free NBP1-93939

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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NBP1-93939

TMEM164 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

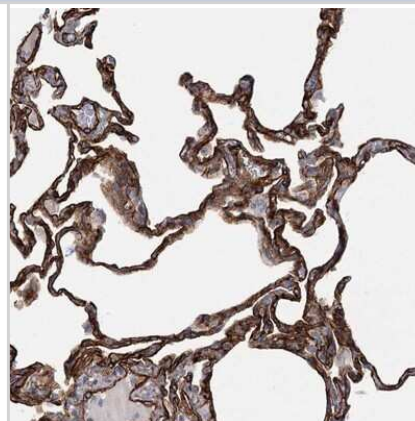
Product Description	
Host	Rabbit
Gene ID	84187
Gene Symbol	TMEM164
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MSRYSYQSLLDWLYGGVDPSPFAGNGGPDCAAFLSWQQR

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

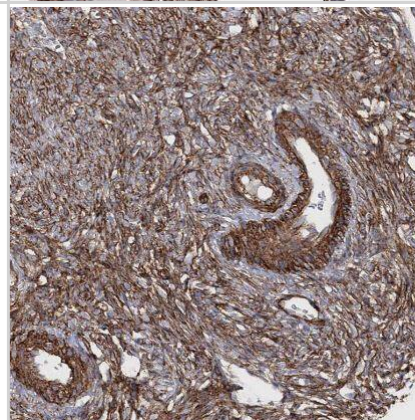


Images

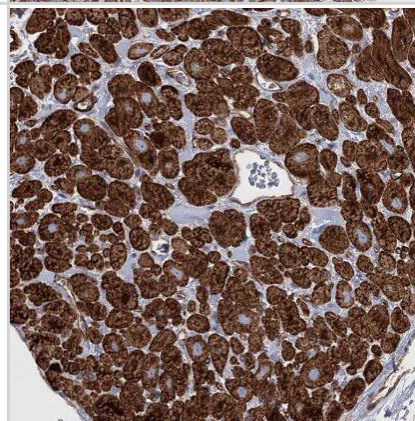
Immunohistochemistry-Paraffin: TMEM164 Antibody [NBP1-93939] - Staining of human lung shows strong cytoplasmic and membranous positivity in alveolar cells.



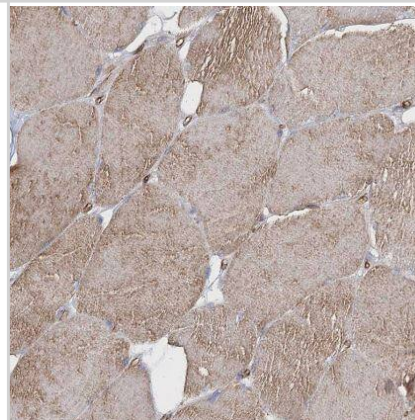
Immunohistochemistry-Paraffin: TMEM164 Antibody [NBP1-93939] - Staining of human Ovary shows strong membranous positivity in follicle and stromal cells.



Immunohistochemistry-Paraffin: TMEM164 Antibody [NBP1-93939] - Staining of human Heart muscle shows strong cytoplasmic and membranous positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: TMEM164 Antibody [NBP1-93939] - Staining of human Skeletal muscle shows moderate cytoplasmic positivity in myocytes.



Publications

Zhang L, Jia Z, Wu Q et al. Alleviating symptoms of neurodegenerative disorders by astrocyte-specific overexpression of TMEM164 in mice *Nature metabolism* 2023-09-07 [PMID: 37679556]

Liu J, Liu Y, Wang Y et al. TMEM164 is a new determinant of autophagy-dependent ferroptosis *Autophagy* 2022-08-22 [PMID: 35947500] (WB)





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 NBP1-93939

NBP1-93939PEP	TMEM164 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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