

Product Datasheet

TMEM106B Antibody - BSA Free NBP2-31714

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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NBP2-31714

TMEM106B 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

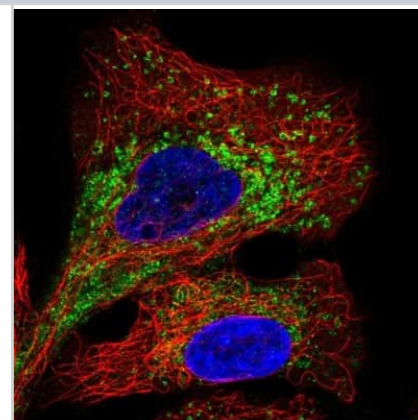
Host	Rabbit
Gene ID	54664
Gene Symbol	TMEM106B
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (87%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: GKSLSHLPLHSSKEDAYDGVTSENMRNGLVNSEVHNEDGRNGDVSQFPYVEF

Product Application Details

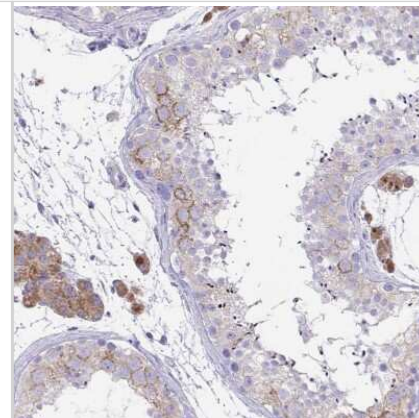
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER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

Images

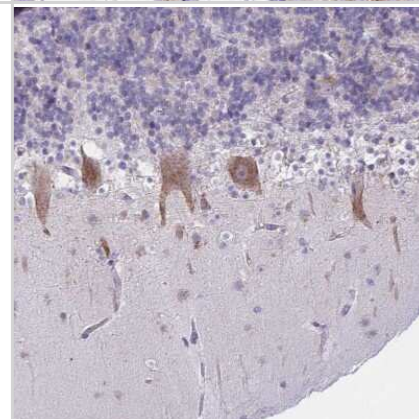
Immunocytochemistry/Immunofluorescence: TMEM106B Antibody [NBP2-31714] - Staining of human cell line A549 shows localization to endosomes & lysosomes. Antibody staining is shown in green.



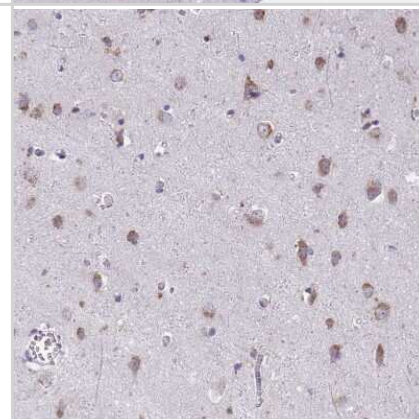
Immunohistochemistry-Paraffin: TMEM106B Antibody [NBP2-31714] - Staining of human testis shows cytoplasmic positivity in cells in seminiferous ducts and in Leydig cells..



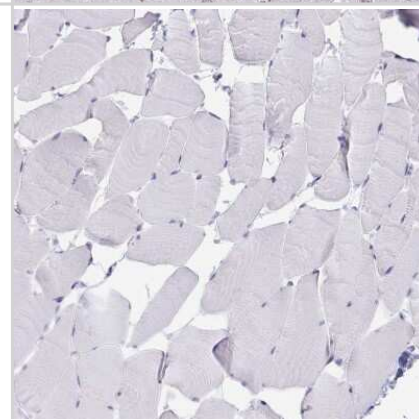
Immunohistochemistry-Paraffin: TMEM106B Antibody [NBP2-31714] - Staining of human cerebellum shows positivity in Purkinje cells.



Immunohistochemistry-Paraffin: TMEM106B Antibody [NBP2-31714] - Staining of human cerebral cortex shows positivity in neuronal cells.



Immunohistochemistry-Paraffin: TMEM106B Antibody [NBP2-31714] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Baggen J, Persoons L, Vanstreels E et al. Genome-wide CRISPR screening identifies TMEM106B as a proviral host factor for SARS-CoV-2 Nature genetics 2021-03-08 [PMID: 33686287] (ICC/IF, Human)



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Products Related to NBP2-31714

NBP2-31714PEP	TMEM106B 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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