

Product Datasheet

TRPM4 Antibody - BSA Free

NBP2-13487

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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Updated 12/2/2025 v.20.1

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NBP2-13487

TRPM4 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

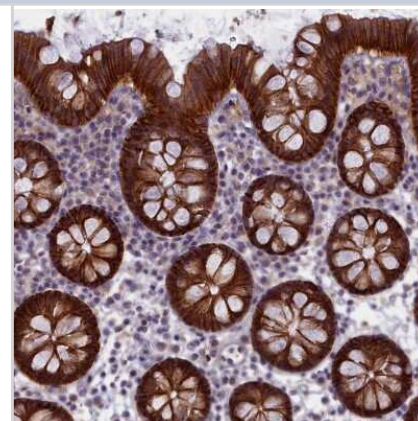
Description	Novus Biologicals Rabbit TRPM4 Antibody - BSA Free (NBP2-13487) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54795
Gene Symbol	TRPM4
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: GTGIDIPVLLLLIDGDEKMLTRIENATQAQLPCLLVAGSGGAADCLAETLEDTLA PGSGGARQGEARDRIIRFFPKGDLEVLQAQVERIMTRKE

Product Application Details

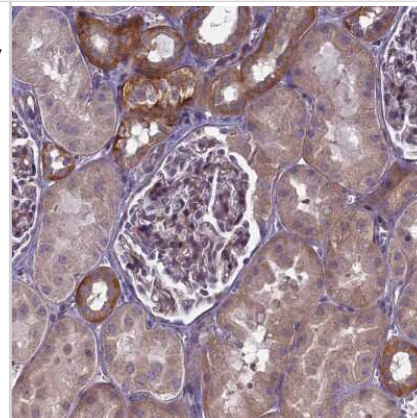
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500-1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

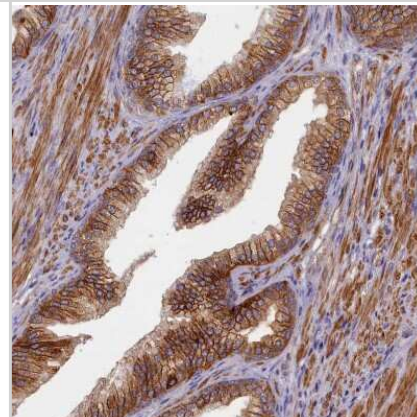
Immunohistochemistry-Paraffin: TRPM4 Antibody [NBP2-13487] - Staining of human colon shows strong membranous positivity in glandular cells.



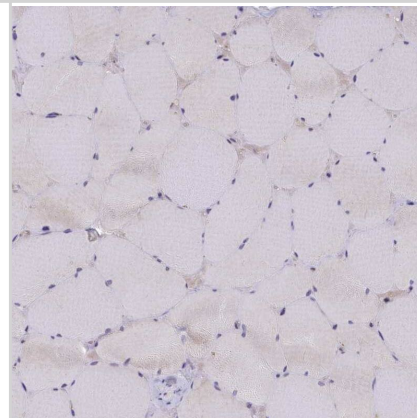
Immunohistochemistry-Paraffin: TRPM4 Antibody [NBP2-13487] - Staining of human kidney shows weak to moderate cytoplasmic positivity in cells in tubules.



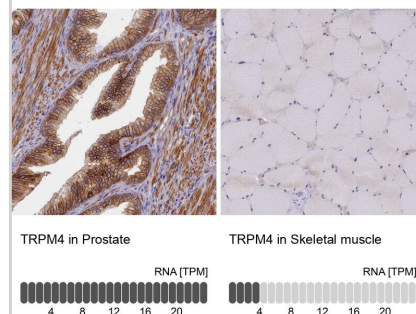
Immunohistochemistry-Paraffin: TRPM4 Antibody [NBP2-13487] - Staining of human prostate shows strong membranous positivity in glandular cells and smooth muscle cells.



Staining of human skeletal muscle shows no positivity in myocytes as expected.



Analysis in human prostate and skeletal muscle tissues using NBP2-13487 antibody. Corresponding TRPM4 RNA-seq data are presented for the same tissues.



Publications

Yu Z, Gong H, Kesteven S et al. Piezo1 is the cardiac mechanosensor that initiates the cardiomyocyte hypertrophic response to pressure overload in adult mice Nature Cardiovascular Research 2022-06-01 (IHC-Fr, Mouse)



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Products Related to NBP2-13487

NBP2-13487PEP	TRPM4 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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