

Product Datasheet

TMEM49 Antibody - BSA Free NBP1-83971

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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NBP1-83971

TMEM49 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

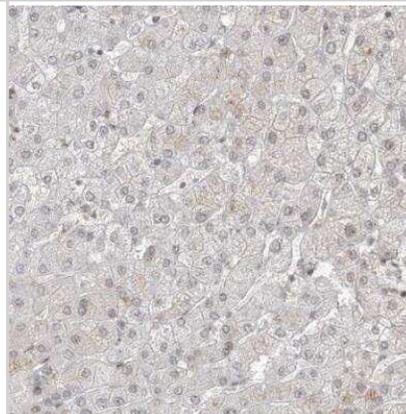
Product Description	
Description	Novus Biologicals Rabbit TMEM49 Antibody - BSA Free (NBP1-83971) is a polyclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	81671
Gene Symbol	VMP1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LYLGPHIASVTLAAYECNSVNFPEPPYPDQIICPDEEGTEGTISLWSIISKVRIEAC MWGIGTAIGELPPYFMARAARLSGAEPDDEEYQEFEEMLHAE

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.



Images

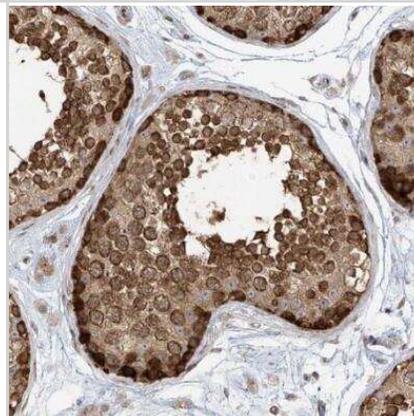
Immunohistochemistry-Paraffin: TMEM49 Antibody [NBP1-83971] - Staining of human liver shows negative to very weak cytoplasmic positivity in hepatocytes.



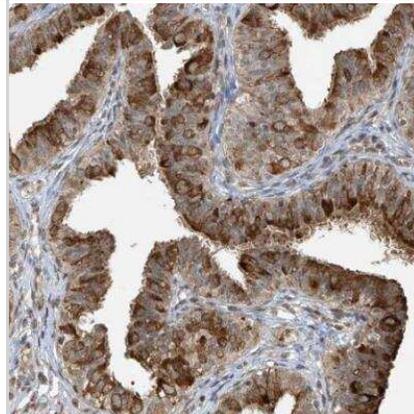
Immunohistochemistry-Paraffin: TMEM49 Antibody [NBP1-83971] - Staining of human rectum shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: TMEM49 Antibody [NBP1-83971] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: TMEM49 Antibody [NBP1-83971] - Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



Publications

Singh V, Adam R, Paterson M et al. Vacuole Membrane Protein 1 and Acute Response to Renal Ischemia and Ischemia/Reperfusion Physiological Genomics 2025-03-01 [PMID: 39928961]



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Products Related to NBP1-83971

NBP1-83971PEP	TMEM49 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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