

# Product Datasheet

## TMEM43 Antibody - BSA Free

### NBP1-84132

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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**NBP1-84132**

TMEM43 Antibody - BSA Free

**Product Information**

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

**Product Description**

<b>Description</b>	Novus Biologicals Rabbit TMEM43 Antibody - BSA Free (NBP1-84132) is a polyclonal antibody validated for use in IHC and WB. Anti-TMEM43 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	79188
<b>Gene Symbol</b>	TMEM43
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: FKSLSLSKLEDPHVDIIRRGDFFYHSENPKEYEVGDLRVSFYSYAGLSGDDPD LG PAHVVTVIARQRGDQLVPFSTKSGDTLLLLHHGDFSAAEEVFHRELRSNSMKT

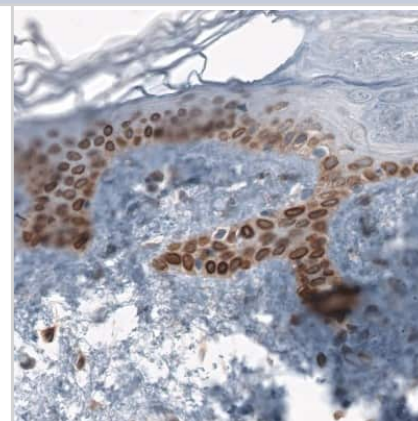
**Product Application Details**

<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

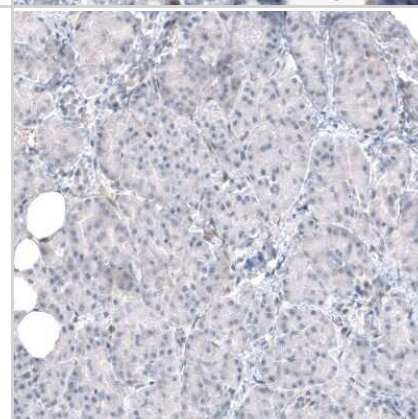


## Images

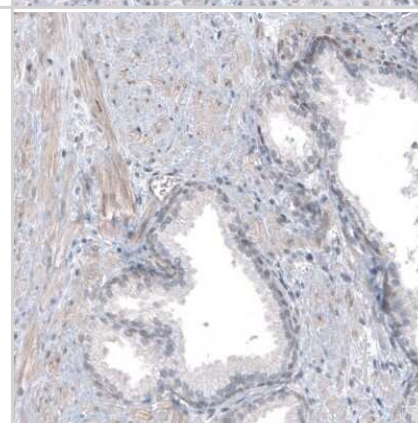
Immunohistochemistry-Paraffin: TMEM43 Antibody [NBP1-84132] - Staining of human skin shows moderate to strong positivity in nuclear membrane in keratinocytes.



Immunohistochemistry-Paraffin: TMEM43 Antibody [NBP1-84132] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: TMEM43 Antibody [NBP1-84132] - Staining of human prostate shows weak positivity in nuclear membrane in glandular cells, as well as in smooth muscle cells.



## Publications

Jang MW, Kim TY, Sharma K Et al. A Deafness Associated Protein TMEM43 Interacts with KCNK3 (TASK-1) Two-pore Domain K<sup>+</sup> (K2P) Channel in the Cochlea Experimental neurobiology 2021-10-31 [PMID: 34737237] (WB, PLA, IF/IHC)

Gry M, Oksvold P, Ponten F et al. Tissue-specific protein expression in human cells, tissues and organs. J Proteomics Bioinform 2010-01-01

Christensen AH, Andersen CB, Tybjaerg-Hansen A et al. Mutation analysis and evaluation of the cardiac localization of TMEM43 in arrhythmogenic right ventricular cardiomyopathy. Clin Genet 2011-09-01 [PMID: 21214875]



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### **Products Related to NBP1-84132**

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NBP1-84132PEP	TMEM43 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

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### **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](http://www.novusbio.com/guarantee)

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