

# Product Datasheet

## STING/TMEM173 Antibody

### NBP2-48684

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 5/31/2023 v.20.1

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**NBP2-48684****STING/TMEM173 Antibody****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
<b>Target Molecular Weight</b>	42 kDa

**Product Description**

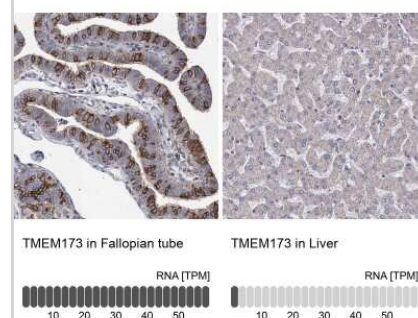
<b>Host</b>	Rabbit
<b>Gene ID</b>	340061
<b>Gene Symbol</b>	TMEM173
<b>Species</b>	Human
<b>Immunogen</b>	This STING/TMEM173 Antibody was developed against a recombinant protein corresponding to amino acids: RLILPELQARIRTYNQHYNNLLRGAVSQRLYILLPLDCGVDPNLSMADPNIRFLD KLPQQTGDRAGIKDRVY

**Product Application Details**

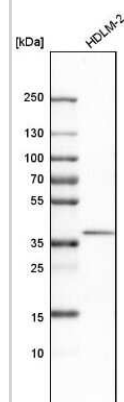
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

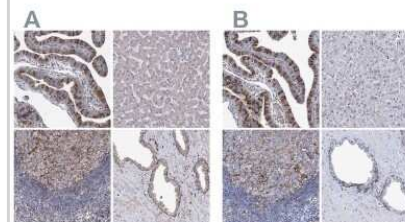
Immunohistochemistry-Paraffin: STING/TMEM173 Antibody [NBP2-48684] - Staining in human fallopian tube and liver tissues using NBP2-48684 antibody. Corresponding TMEM173 RNA-seq data are presented for the same tissues.



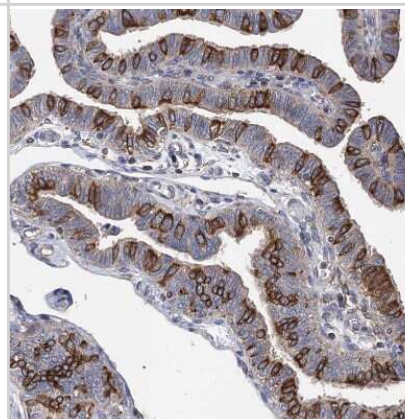
Western Blot: STING/TMEM173 Antibody [NBP2-48684] - Analysis in human cell line HDLM-2 using STING/TMEM173 Antibody.



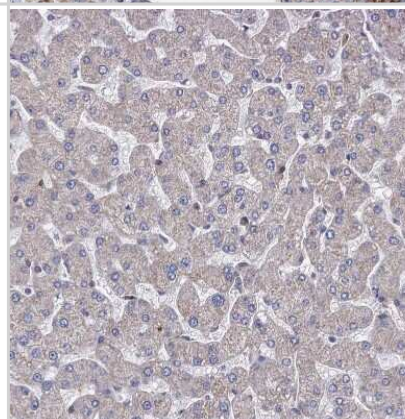
Immunohistochemistry-Paraffin: STING/TMEM173 Antibody [NBP2-48684] - Staining of human fallopian tube, liver, lymph node and prostate using Anti-TMEM173 antibody NBP2-48684 (A) shows similar protein distribution across tissues to independent antibody NBP2-38389 (B).



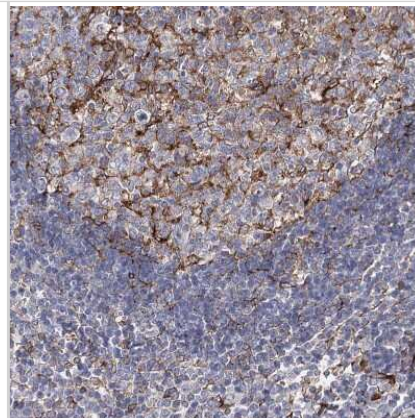
Immunohistochemistry-Paraffin: STING/TMEM173 Antibody [NBP2-48684] - Staining of human Fallopian tube shows strong cytoplasmic and membranous positivity in glandular cells.



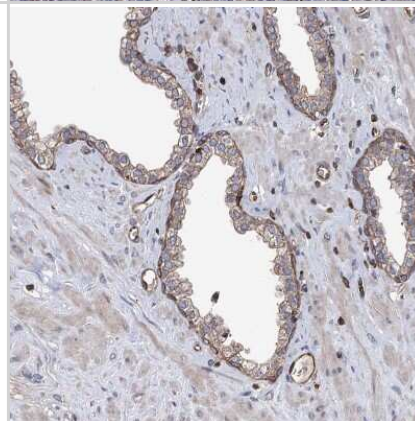
Immunohistochemistry-Paraffin: STING/TMEM173 Antibody [NBP2-48684] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: STING/TMEM173 Antibody [NBP2-48684] - Staining of human lymph node shows strong membranous positivity in follicular dendritic cells.



Immunohistochemistry-Paraffin: STING/TMEM173 Antibody [NBP2-48684] - Staining of human prostate shows moderate membranous positivity in basal layer glandular cells.



## Publications

Xu M, Tan J, Zhu L et al. Palmitoyltransferase ZDHHC3 Aggravates Nonalcoholic Steatohepatitis by Targeting S-Palmitoylated IRHOM2 Advanced science (Weinheim, Baden-Wurttemberg, Germany) 2023-08-06 [PMID: 37544908]



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### **Products Related to NBP2-48684**

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NBP2-48684PEP	STING/TMEM173 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.

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