

# Product Datasheet

## MST3 Antibody - BSA Free

### NBP1-87833

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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Updated 2/21/2025 v.20.1

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**NBP1-87833**

MST3 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**

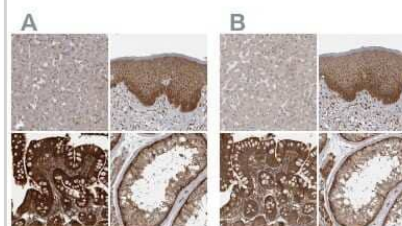
<b>Host</b>	Rabbit
<b>Gene ID</b>	8428
<b>Gene Symbol</b>	STK24
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: IDRYKRWKAEQSHDDSSSESDAETDGQASGGSDSGDWIFTIREKDPKNLEN GALQPSDLDRNKMKDIPKRPFS

**Product Application Details**

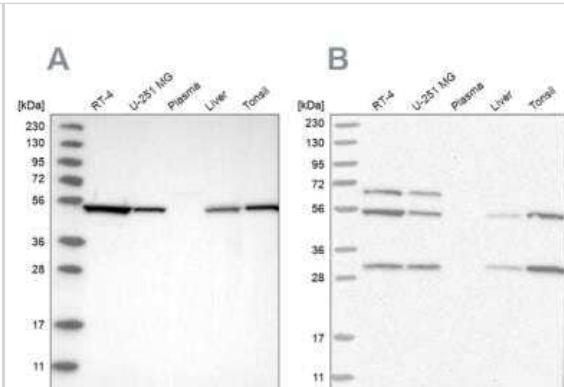
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, ELISA Validated from a verified customer review, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

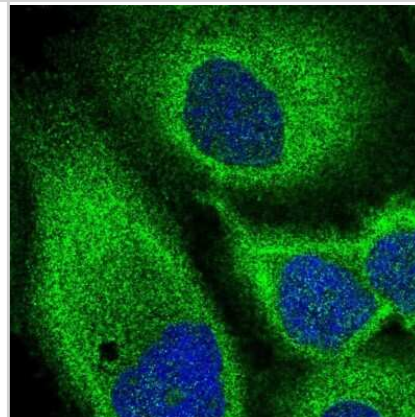
Immunohistochemistry-Paraffin: MST3 Antibody [NBP1-87833] - Staining of human liver, skin, small intestine and testis using Anti-STK24 antibody NBP1-87833 (A) shows similar protein distribution across tissues to independent antibody NBP1-87834 (B).



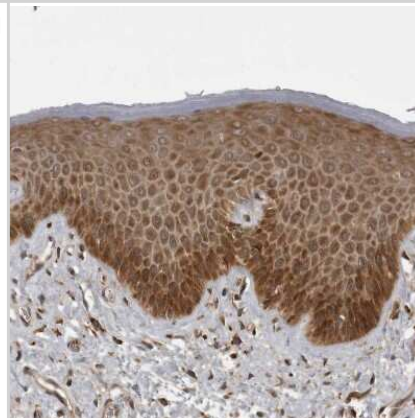
Western Blot: MST3 Antibody [NBP1-87833] - Analysis using Anti-STK24 antibody NBP1-87833 (A) shows similar pattern to independent antibody NBP1-87834 (B).



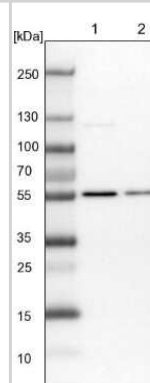
Immunocytochemistry/Immunofluorescence: MST3 Antibody [NBP1-87833] - Staining of human cell line A-431 shows localization to nucleoli & cytosol. Antibody staining is shown in green.



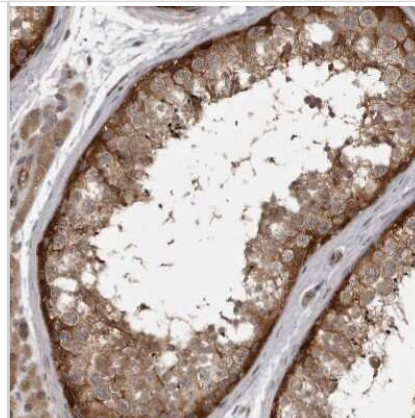
Immunohistochemistry-Paraffin: MST3 Antibody [NBP1-87833] - Staining of human skin shows moderate cytoplasmic positivity in squamous epithelial cells.



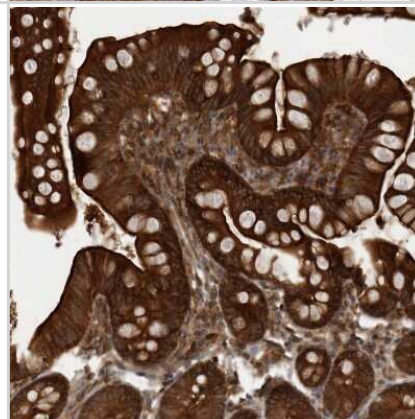
Western Blot: MST3 Antibody [NBP1-87833] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



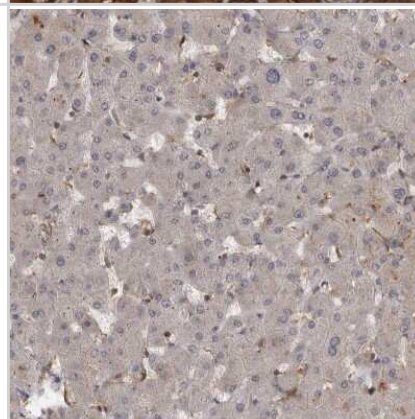
Immunohistochemistry-Paraffin: MST3 Antibody [NBP1-87833] - Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts.



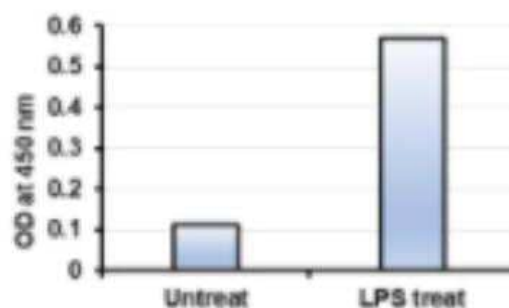
Immunohistochemistry-Paraffin: MST3 Antibody [NBP1-87833] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: MST3 Antibody [NBP1-87833] - Staining of human liver shows very weak positivity in hepatocytes as expected.



ELISA: MST3 Antibody [NBP1-87833] - MST-3 levels in SH-SY5Y cell lysates. ELISA image added from a verified customer review



## Publications

Donnarumma E, Bhushan S, Bradley JM et al. Nitrite Therapy Ameliorates Myocardial Dysfunction via H<sub>2</sub>S and Nuclear Factor-Erythroid 2-Related Factor 2 (Nrf2)-Dependent Signaling in Chronic Heart Failure. J Am Heart Assoc. 2016-07-30 [PMID: 27473036] (WB, Mouse)

Tain Y, Lee C, Chan JY, Hsu C. Maternal melatonin or N-acetylcysteine therapy regulates hydrogen sulfide-generating pathway and renal transcriptome to prevent prenatal NG-Nitro-L-arginine-methyl ester (L-NAME)-induced fetal programming of hypertension in adult male offspring Am J Obstet Gynecol. 2016-07-22 [PMID: 27457113] (WB)





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### **Products Related to NBP1-87833**

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NBP1-87833PEP	MST3 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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