

Product Datasheet

TMPRSS2 Antibody - BSA Free NBP2-38263

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: 2

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NBP2-38263

TMPRSS2 Antibody - BSA Free

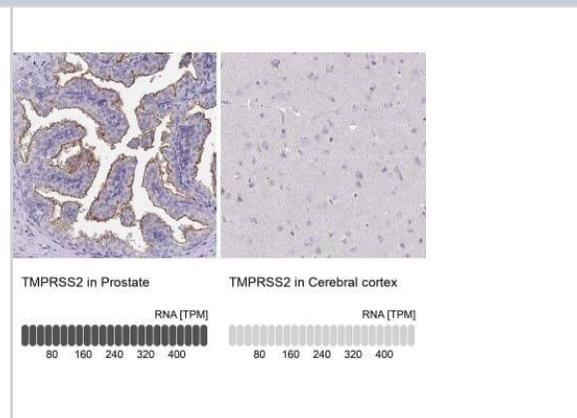
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	53.9 kDa

Product Description	
Host	Rabbit
Gene ID	7113
Gene Symbol	TMPRSS2
Species	Human
Immunogen	This TMPRSS2 Antibody was developed against a recombinant protein corresponding to amino acids: GSPPAIGPYHENHGYQPENPYPAQPTVVPTVYEVHPAQYYPSPVPQYAPRVL QASNPVVCTQPKSPSGTVCTSKT

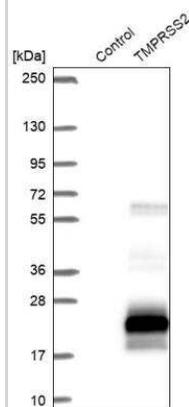
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	Use in ICC/IF reported in scientific literature (PMID:33526471) For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

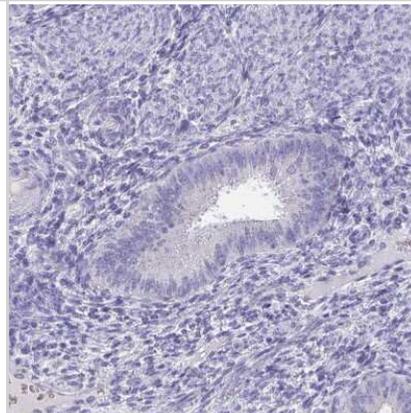
Immunohistochemistry-Paraffin: TMPRSS2 Antibody [NBP2-38263] - Analysis in human prostate and cerebral cortex tissues using NBP2-38263 antibody. Corresponding TMPRSS2 RNA-seq data are presented for the same tissues.



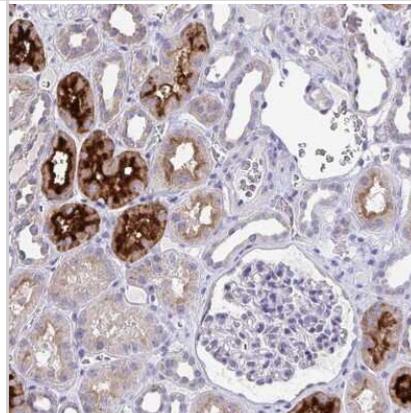
Western Blot: TMPRSS2 Antibody [NBP2-38263] - Analysis in control (vector only transfected HEK293T lysate) and TMPRSS2 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



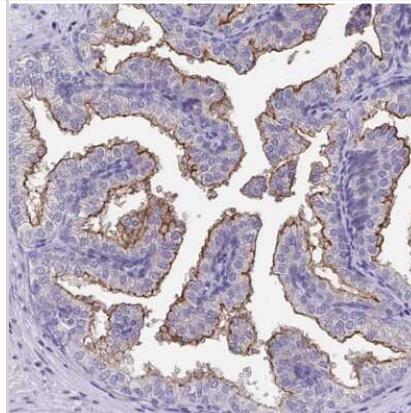
Immunohistochemistry-Paraffin: TMPRSS2 Antibody [NBP2-38263] - Staining of human endometrium shows no positivity in glandular cells as expected.



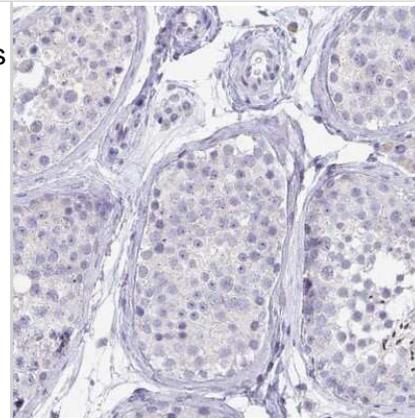
Immunohistochemistry-Paraffin: TMPRSS2 Antibody [NBP2-38263] - Staining of human kidney shows strong membranous and secretion positivity in cells in tubules.



Immunohistochemistry-Paraffin: TMPRSS2 Antibody [NBP2-38263] - Staining of human prostate shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: Tmprss2 Antibody [NBP2-38263] - Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



Publications

Pinto AL, Rai RK, Brown JC et al. Ultrastructural insight into SARS-CoV-2 entry and budding in human airway epithelium *Nature communications* 2022-03-25 [PMID: 35338134] (ICC/IF, Human)

Wysocki J, Ye M, Hassler L et al. A Novel Soluble ACE2 Variant with Prolonged Duration of Action Neutralizes SARS-CoV-2 Infection in Human Kidney Organoids *Journal of the American Society of Nephrology : JASN* 2021-02-01 [PMID: 33526471] (ICC/IF, Human)



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Products Related to NBP2-38263

NBP2-38263PEP	TMPRSS2 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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