

# Product Datasheet

## TMPRSS2 Antibody (CL12514) - Azide and BSA Free NBP3-44152

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-44152**

TMPRSS2 Antibody (CL12514) - Azide and BSA Free

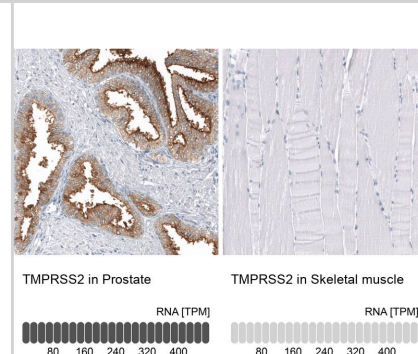
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL12514
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Description	Novus Biologicals Mouse TMPRSS2 Antibody (CL12514) - Azide and BSA Free (NBP3-18539) is a monoclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7113
Gene Symbol	TMPRSS2
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of O15393, with the exact immunogen sequence remaining proprietary.

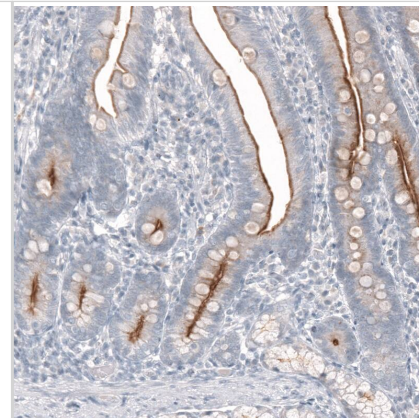
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

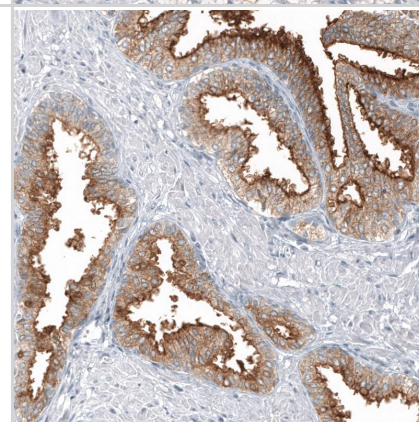
Analysis in human prostate and skeletal muscle tissues using NBP3-44152 antibody. Corresponding TMPRSS2 RNA-seq data are presented for the same tissues.



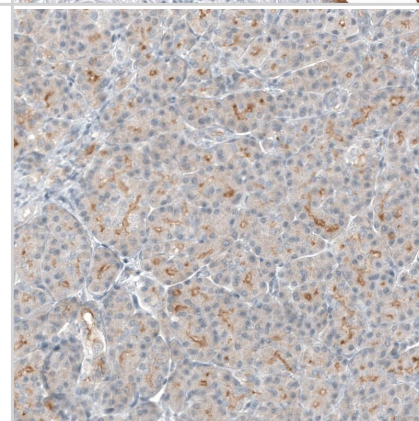
Staining of human duodenum shows strong membranous positivity in glandular cells.



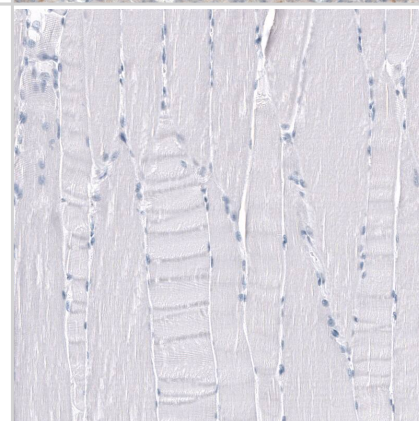
Staining of human prostate shows strong membranous positivity in glandular cells.



Staining of human pancreas shows moderate membranous positivity in exocrine glandular cells.



Staining of human skeletal muscle shows no positivity in myocytes as expected.





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### **Products Related to NBP3-44152**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00007113-Q01-10ug	Recombinant Human TMPRSS2 GST (N-Term) Protein

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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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