

# Product Datasheet

## Syntaxin 7 Antibody (CL0257) - BSA Free NBP2-52893

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 9/9/2025 v.20.1

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**NBP2-52893**

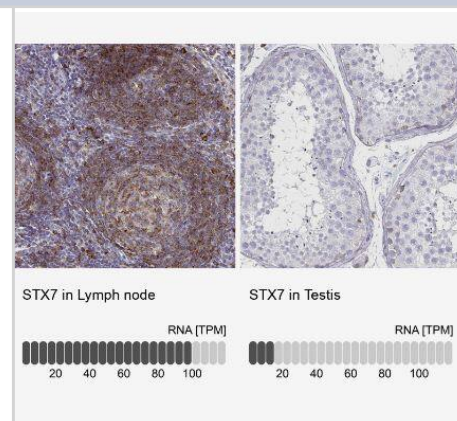
Syntaxin 7 Antibody (CL0257) - BSA Free

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	Monoclonal
Clone	CL0257
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Mouse Syntaxin 7 Antibody (CL0257) - BSA Free (NBP2-52893) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	8417
Gene Symbol	STX7
Species	Human
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from O15400, with the exact immunogen sequence remaining proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

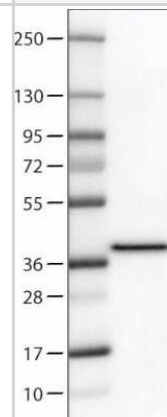


## Images

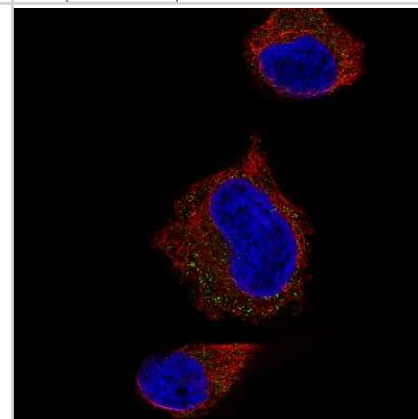
Immunohistochemistry-Paraffin-Syntaxin 7 Antibody (CL0257)-NBP2-52893- Analysis in human lymph node and testis tissues using NBP2-52893 antibody. Corresponding STX7 RNA-seq data are presented for the same tissues.



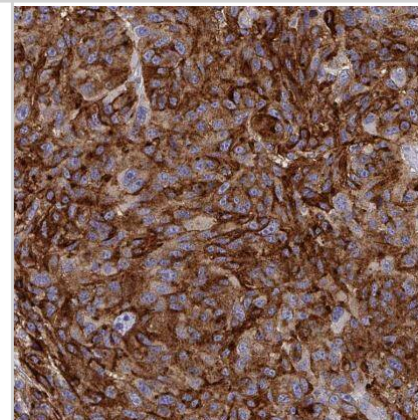
Western Blot: Syntaxin 7 Antibody (CL0257) [NBP2-52893] - Lane 1: Marker [kDa], Lane 2: Human tonsil tissue lysate



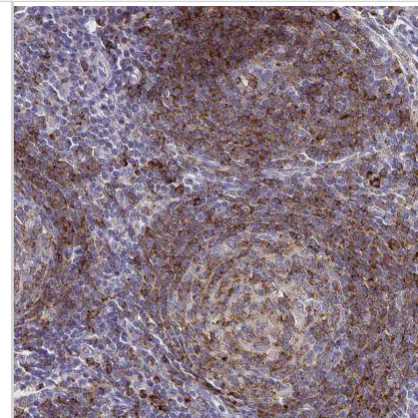
Immunocytochemistry/Immunofluorescence: Syntaxin 7 Antibody (CL0257) [NBP2-52893] - Staining of U-251 cells using the Anti-STX7 monoclonal antibody, showing specific staining in vesicles in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



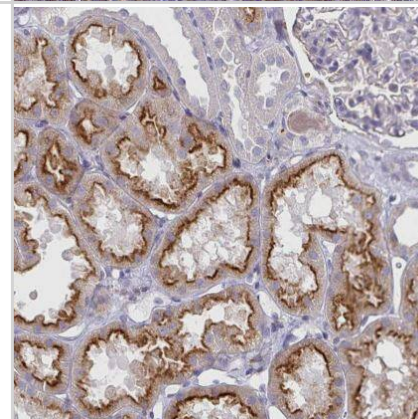
Immunohistochemistry-Paraffin-Syntaxin 7 Antibody (CL0257)-NBP2-52893- Staining of human malignant melanoma shows moderate to strong cytoplasmic positivity in tumor cells.



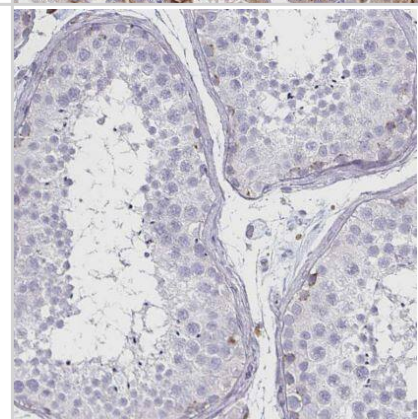
Immunohistochemistry-Paraffin-Syntaxin 7 Antibody (CL0257)-NBP2-52893- Staining of human lymph node shows moderate to strong cytoplasmic positivity in lymphoid cells.



Immunohistochemistry-Paraffin-Syntaxin 7 Antibody (CL0257)-NBP2-52893- Staining of human kidney shows strong apical membrane positivity in cells in proximal tubules.



Immunohistochemistry-Paraffin-Syntaxin 7 Antibody (CL0257)-NBP2-52893- Staining of human testis shows no positivity in cells in seminiferous ducts as expected.





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### **Products Related to NBP2-52893**

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NBP2-52893PEP	Syntaxin 7 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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