

# Product Datasheet

## Syntaxin 7 Antibody (CL0257) 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 6/7/2021 v.20.1

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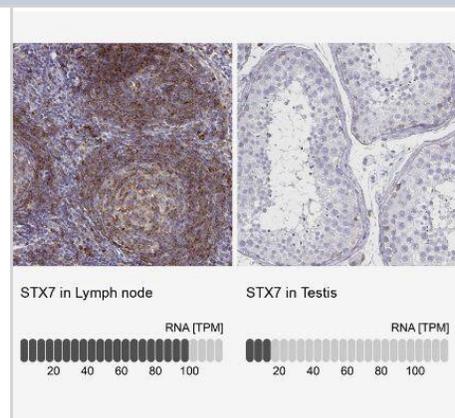
**NBP2-52893**

Syntaxin 7 Antibody (CL0257)

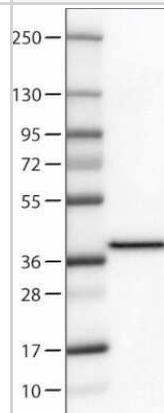
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL0257
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	8417
<b>Gene Symbol</b>	STX7
<b>Species</b>	Human
<b>Reactivity Notes</b>	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
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: GVGGDPAQLAQRISNIIQKITQCSVEIQRTLNLGTPQDPELRQQQLQQKQQY TNQLAKETDKYIKEFGSLPTTPSEQRQRKIQKDRLVAEFTTSLTNFQKVQRQAA EREKEFVARVRASSRVSGSFPEDSSKERNLVSWSQTQPQV
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

## Images

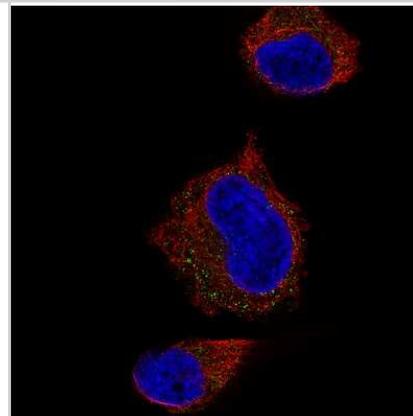
Immunohistochemistry-Paraffin-Syntaxin 7 Antibody (CL0257)-NBP2-52893- Analysis in human lymph node and testis tissues using NBP2-52893 antibody. Corresponding STX7 RNA-seq data are presented for the same tissues.



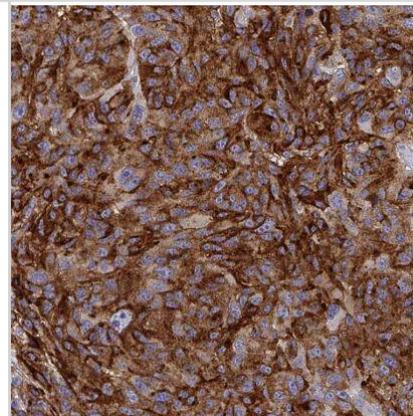
Western Blot: Syntaxin 7 Antibody (CL0257) [NBP2-52893] - Lane 1: Marker [kDa], Lane 2: Human tonsil tissue lysate



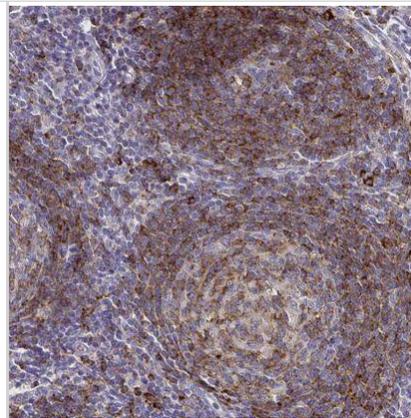
Immunocytochemistry/Immunofluorescence: Syntaxin 7 Antibody (CL0257) [NBP2-52893] - Staining of U-251 cells using the Anti-STX7 monoclonal antibody, showing specific staining in vesicles in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



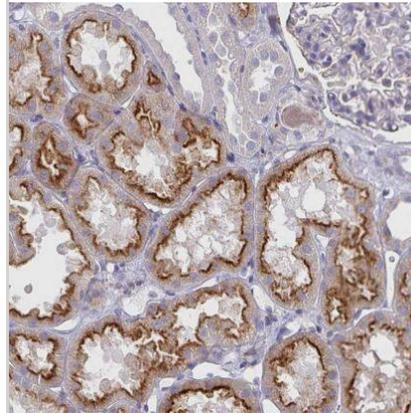
Immunohistochemistry-Paraffin-Syntaxin 7 Antibody (CL0257)-NBP2-52893- Staining of human malignant melanoma shows moderate to strong cytoplasmic positivity in tumor cells.



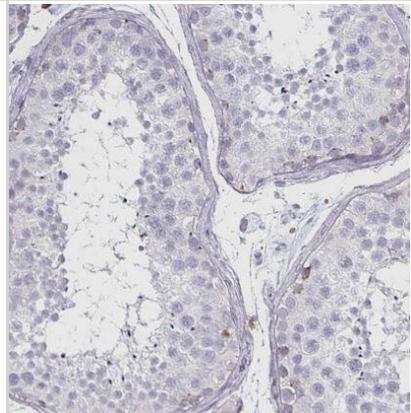
Immunohistochemistry-Paraffin-Syntaxin 7 Antibody (CL0257)-NBP2-52893- Staining of human lymph node shows moderate to strong cytoplasmic positivity in lymphoid cells.



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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