

# Product Datasheet

## Syntaxin 7 Antibody - BSA Free NBP1-87497

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

**Reviews: 1 Publications: 2**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-87497](http://www.novusbio.com/NBP1-87497)

Updated 12/2/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-87497](http://www.novusbio.com/reviews/destination/NBP1-87497)



**NBP1-87497**

Syntaxin 7 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>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

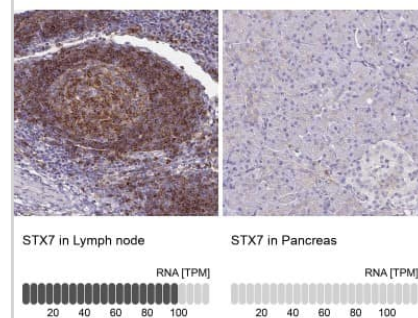
Product Description	
<b>Description</b>	Novus Biologicals Rabbit Syntaxin 7 Antibody - BSA Free (NBP1-87497) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Syntaxin 7 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	8417
<b>Gene Symbol</b>	STX7
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: GVGGDPAQLAQRISSENIQKITQCSVEIQRTLNLGTPQDSELRQQQLQQKQQY TNQLAKETDKYIKEFGSLPTTPSEQRQRKIQKDRLVAEFTTSLTNFQKVQRQAA EREKEFVARVRASSRVSGSFPEDSSKERNLVSWSQTQPQV

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization, Use PFA/Triton X-100. Syntaxin 7 antibody validated for WB from a verified customer review.

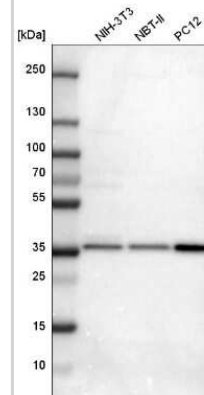


## Images

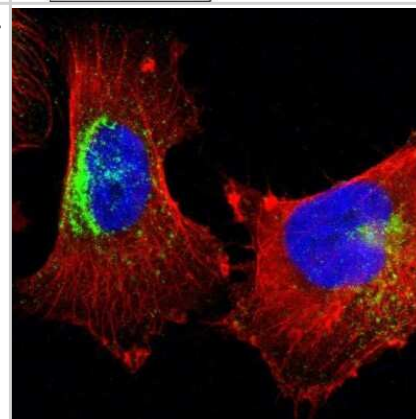
Immunohistochemistry-Paraffin: Syntaxin 7 Antibody [NBP1-87497] - Analysis in human lymph node and pancreas tissues. Corresponding Syntaxin 7 RNA-seq data are presented for the same tissues.



Western Blot: Syntaxin 7 Antibody [NBP1-87497] - Western blot analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



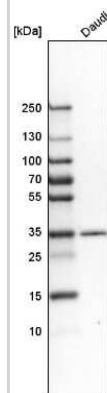
Immunocytochemistry/Immunofluorescence: Syntaxin 7 Antibody [NBP1-87497] - Staining of human cell line U-251 MG shows localization to lysosomes.



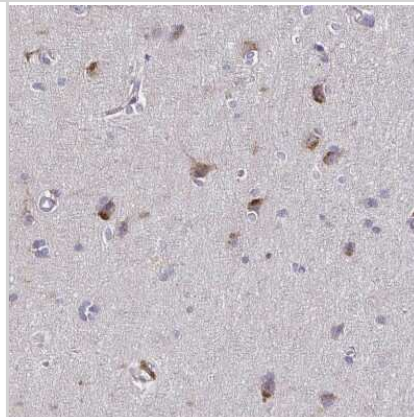
Immunohistochemistry-Paraffin: Syntaxin 7 Antibody [NBP1-87497] - Staining of human pancreas shows low positivity in exocrine glandular cells as expected.



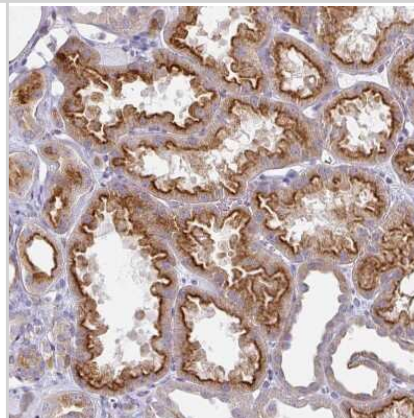
Western Blot: Syntaxin 7 Antibody [NBP1-87497] - Analysis in human cell line Daudi.



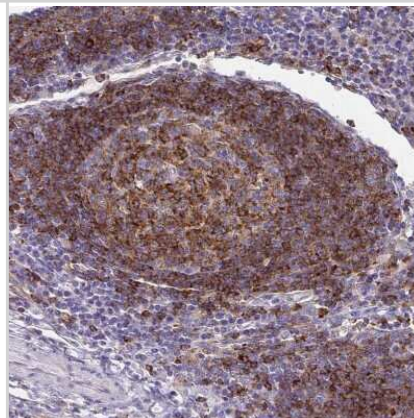
Immunohistochemistry-Paraffin: Syntaxin 7 Antibody [NBP1-87497] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: Syntaxin 7 Antibody [NBP1-87497] - Staining of human kidney shows strong membranous positivity in cells in tubules.



Immunohistochemistry-Paraffin: Syntaxin 7 Antibody [NBP1-87497] - Staining of human lymph node shows strong membranous positivity in germinal center cells.



## Publications

Ohnishi Y, Tsuji D, Itoh K Oxidative Stress Impairs Autophagy via Inhibition of Lysosomal Transport of VAMP8 Biological & pharmaceutical bulletin 2022-11-03 [PMID: 36328496] (IF/IHC, Human)

Stromberg S, Agnarsdottir M, Magnusson K et al. Selective expression of Syntaxin-7 protein in benign melanocytes and malignant melanoma. J Proteome Res 2009-04-01 [PMID: 19714869]



### Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA

Phone: 303.730.1950

Toll Free: 1.888.506.6887

Fax: 303.730.1966

[nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

### Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada

Phone: 905.827.6400

Toll Free: 855.668.8722

Fax: 905.827.6402

[canada.inquires@bio-techne.com](mailto:canada.inquires@bio-techne.com)

### Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15

Fax: (44) (0) 1235 533420

[info.EMEA@bio-techne.com](mailto:info.EMEA@bio-techne.com)

### General Contact Information

[www.novusbio.com](http://www.novusbio.com)

Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)

Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

### Products Related to NBP1-87497

---

NBP1-87497PEP	Syntaxin 7 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-87497](http://www.novusbio.com/reviews/submit/NBP1-87497)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)



