

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.

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Updated 9/9/2025 v.20.1

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NBP1-87497

Syntaxin 7 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

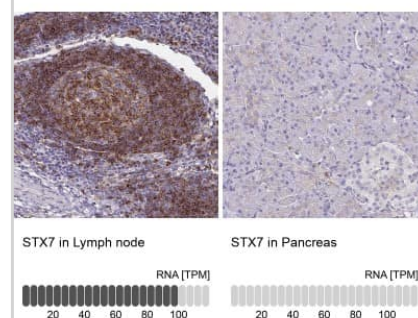
Product Description	
Description	Novus Biologicals Rabbit Syntaxin 7 Antibody - BSA Free (NBP1-87497) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Syntaxin 7 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene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

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	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
Application Notes	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.

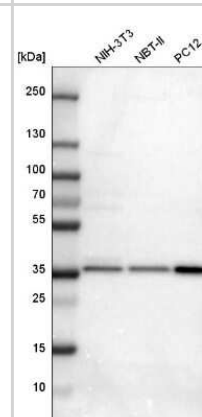


Images

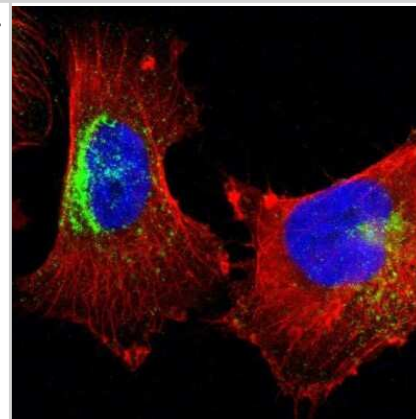
Immunohistochemistry-Paraffin: Syntaxin 7 Antibody [NBP1-87497] - Analysis in human lymph node and pancreas tissues. Corresponding Syntaxin 7 RNA-seq data are presented for the same tissues.



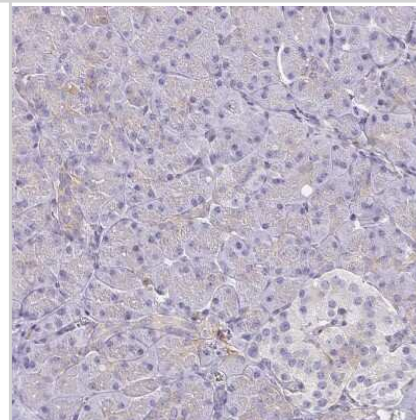
Western Blot: Syntaxin 7 Antibody [NBP1-87497] - Western blot analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



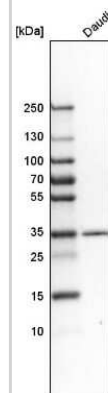
Immunocytochemistry/Immunofluorescence: Syntaxin 7 Antibody [NBP1-87497] - Staining of human cell line U-251 MG shows localization to lysosomes.



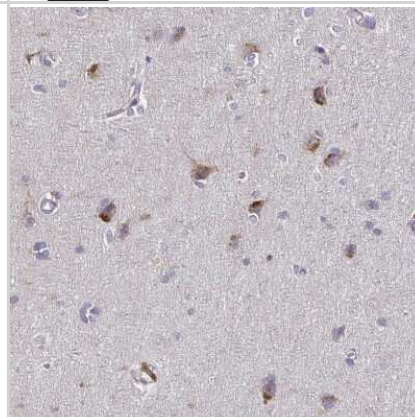
Immunohistochemistry-Paraffin: Syntaxin 7 Antibody [NBP1-87497] - Staining of human pancreas shows low positivity in exocrine glandular cells as expected.



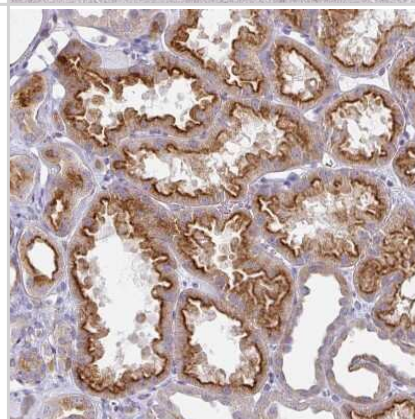
Western Blot: Syntaxin 7 Antibody [NBP1-87497] - Analysis in human cell line Daudi.



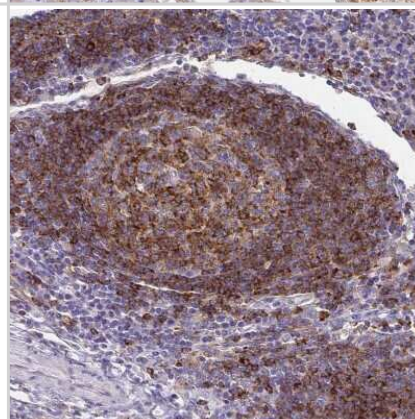
Immunohistochemistry-Paraffin: Syntaxin 7 Antibody [NBP1-87497] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



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

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

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

General Contact Information

www.novusbio.com

Technical Support: nb-technical@bio-techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

Products Related to NBP1-87497

NBP1-87497PEP	Syntaxin 7 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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