

Product Datasheet

STX18 Antibody - BSA Free

NBP1-80645

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 2/21/2025 v.20.1

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NBP1-80645

STX18 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

Host	Rabbit
Gene ID	53407
Gene Symbol	STX18
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (87%). Reactivity reported in scientific literature (PMID: 22427703)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VKRVVDKKRLSKLEPEPNTKTRESTSSEKVSQSPSKDSEENPATEERPEKILAE TQPELGTWGDGKGDELSP EEIQMFEQENQRLIGEMNSLFDEV RQIEGRVVEI SRLQEIFTEKVLQQEAEIDSIHQLVVGATENIKEGNEDIREAI

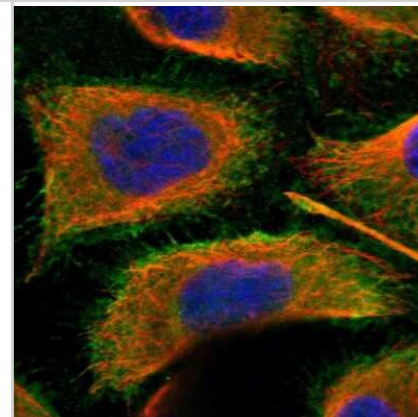
Product Application Details

Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

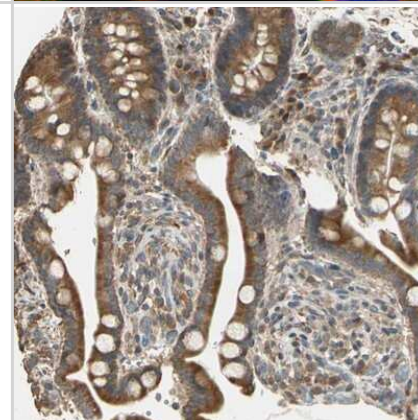


Images

Immunocytochemistry/Immunofluorescence: STX18 Antibody [NBP1-80645] - Staining of human cell line A-431 shows localization to plasma membrane. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: STX18 Antibody [NBP1-80645] - Staining of human colon shows cytoplasmic positivity in glandular cells.



Publications

Li S, Li H, Zhangdi H et al. Hair follicle-MSC-derived small extracellular vesicles as a novel remedy for acute pancreatitis Journal of controlled release : official journal of the Controlled Release Society 2022-11-19 [PMID: 36402231] (IHC-Fr, Mouse)

Czosseck A, Chen MM, Nguyen H et al. Porous scaffold for mesenchymal cell encapsulation and exosome-based therapy of ischemic diseases Journal of controlled release : official journal of the Controlled Release Society 2022-11-14 [PMID: 36370875] (IHC-P, Mouse)

Details:
Dilution used in IHC-P 1:200

Campbell-Valois FX, Trost M, Chemali M et al. Quantitative Proteomics Reveals That Only a Subset of the Endoplasmic Reticulum Contributes to the Phagosome. Mol Cell Proteomics 2012-07-01 [PMID: 22427703]



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 NBP1-80645

NBP1-80645PEP	STX18 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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