

Product Datasheet

Syntaxin 4 Antibody - BSA Free NBP1-87374

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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Publications: 3

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NBP1-87374

Syntaxin 4 Antibody - BSA Free

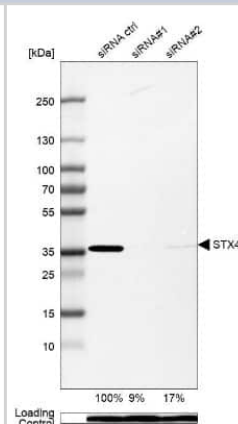
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	34 kDa

Product Description	
Host	Rabbit
Gene ID	6810
Gene Symbol	STX4
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (86%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MRDRTHELRQGDDSSDEEDKERVALVHPGTARLGSPDEEFFHKVVRTIRQTIV KLGKVKVELEKQQVTILATPLPEESMKQELQNLRLDEIKQLGREIRLQLKAIEPQK EEADENYNSVNTRMRKTQHGVLSSQQFVELINKCNSMQSE

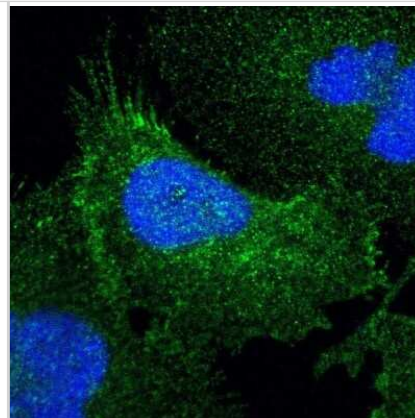
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: PFA/Triton X-100

Images

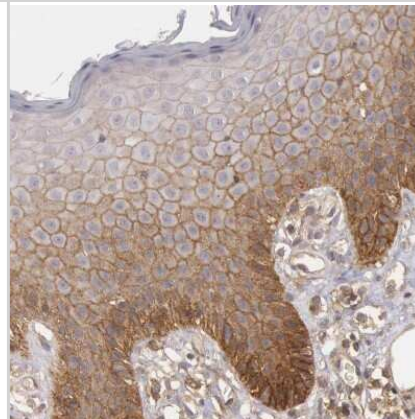
Western Blot: Syntaxin 4 Antibody [NBP1-87374] - Analysis in A-549 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-STX4 antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



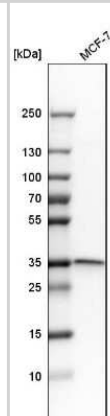
Immunocytochemistry/Immunofluorescence: Syntaxin 4 Antibody [NBP1-87374] - Staining of human cell line U-251 MG shows localization to plasma membrane. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: Syntaxin 4 Antibody [NBP1-87374] - Staining of human skin shows strong membranous positivity in squamous epithelial cells.



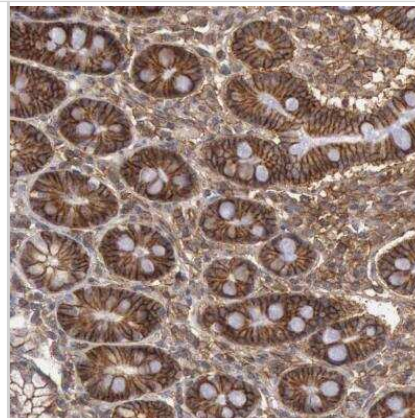
Western Blot: Syntaxin 4 Antibody [NBP1-87374] - Analysis in human cell line MCF-7.



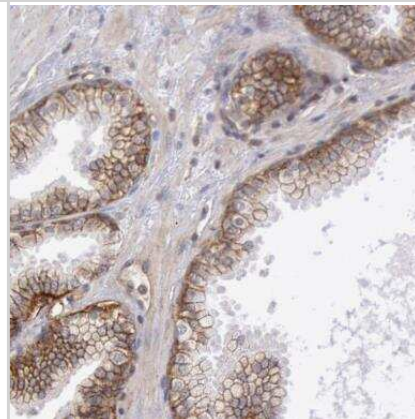
Immunohistochemistry-Paraffin: Syntaxin 4 Antibody [NBP1-87374] - Staining of human lymphoid tissues shows strong membranous positivity in germinal center cells.



Immunohistochemistry-Paraffin: Syntaxin 4 Antibody [NBP1-87374] - Staining of human gastrointestinal shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: Syntaxin 4 Antibody [NBP1-87374] - Staining of human prostate shows strong membranous positivity in glandular cells.



Publications

Schindler C, Chen Y, Pu J et al. EARP is a multisubunit tethering complex involved in endocytic recycling. *Nat Cell Biol* 2015-05-01 [PMID: 25799061]

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]

Rivero R, Garin CA, Ormazabal P et al. Protein expression of PKCZ (Protein Kinase C Zeta), Munc18c, and Syntaxin-4 in the insulin pathway in endometria of patients with polycystic ovary syndrome (PCOS). *Reprod Biol Endocrinol* 2012-03-01 [PMID: 22390153]



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Products Related to NBP1-87374

NBP1-87374PEP	Syntaxin 4 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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