

Product Datasheet

SNX1 Antibody - BSA Free

NBP2-56957

Unit Size: 100 ul

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

www.novusbio.com



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Publications: 2

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NBP2-56957

SNX1 Antibody - BSA Free

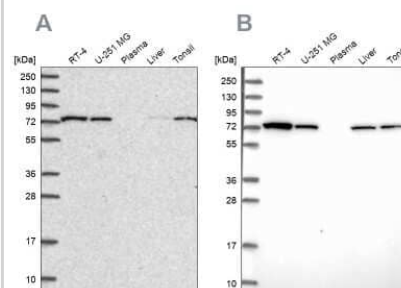
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit SNX1 Antibody - BSA Free (NBP2-56957) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-SNX1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6642
Gene Symbol	SNX1
Species	Human
Reactivity Notes	Mouse 84%, Rat 84%
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: NNGSKENGIHEEQDQEPQDLFADATVELSLDSTQNNQKKVLAKTLISLPPQEAT NSSKPQPTYE

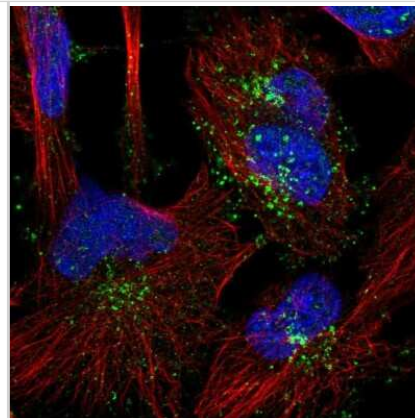
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

Western Blot: SNX1 Antibody [NBP2-56957] - Analysis using Anti-SNX1 antibody NBP2-56957 (A) shows similar pattern to independent antibody NBP2-13359 (B).



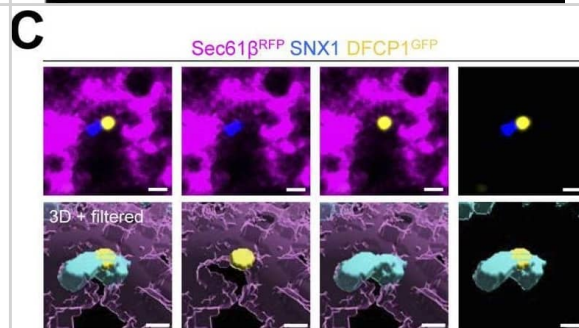
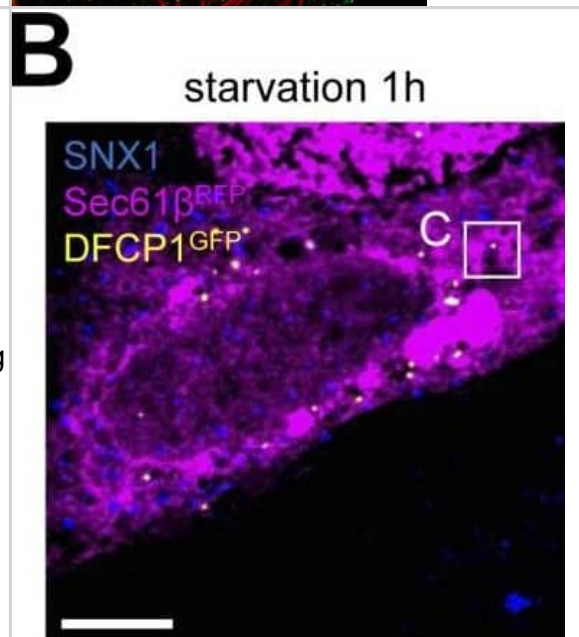
Immunocytochemistry/Immunofluorescence: SNX1 Antibody [NBP2-56957] - Staining of human cell line U-251 MG shows localization to vesicles. Antibody staining is shown in green.



A pool of SNX1-positive membranes at vicinity of nascent autophagosomes. (A) Time-lapse images of HeLa cells expressing SNX1-GFP and DCFP1-RFP under starved conditions (stv., 15 min). Arrowheads indicate SNX1-GFP-positive tubules associated with DFPC1-RFP structures. Scale bars = 1 μ m. (B) HeLa cells expressing Sec61 β -RFP (magenta) and DCFP1-GFP (yellow) were grown under starvation for 1 h, fixed and stained with anti-SNX1 (blue) antibodies and observed by confocal microscopy. Scale bar = 5 μ m. (B, C) Magnified area ($\times 4.5$) from confocal image (B), top panel, showing codistribution event between Sec61 β -RFP (magenta), SNX1 (blue), and DCFP1-GFP (yellow) and 3D rendering view of magnified area, bottom panel, showing the surface of Sec61 β -RFP (magenta), SNX1 (blue), and DCFP1-GFP (yellow). Scale bars = 1 μ m. (C, D) Quantification of SNX1 codistribution with DCFP1-GFP and Sec61 β -RFP (ER)-positive domains per 100 μ m² as illustrated in (C). Means \pm SEM, from three independent experiments; ***P < 0.001 in unpaired two-tailed t test. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36585258>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.

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Publications

Da GraCa J, Charles J, Djebar M et al. A SNX1-SNX2-VAPB partnership regulates endosomal membrane rewiring in response to nutritional stress Life science alliance 2023-03-01 [PMID: 36585258] (WB, ICC/IF, Human)

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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 NBP2-56957

NBP2-56957PEP	SNX1 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

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