

Product Datasheet

Calnexin Antibody (CANX/1541)

NBP2-53352-100ug

Unit Size: 100 ug

Store at 4C.

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NBP2-53352-100ug

Calnexin Antibody (CANX/1541)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	CANX/1541
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	90 kDa

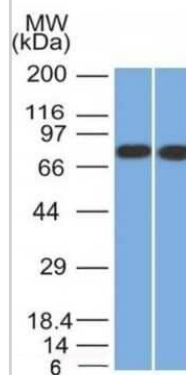
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-54552) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	821
Gene Symbol	CANX
Species	Human, Rat (Negative)
Reactivity Notes	Does not react with Rat.
Marker	Endoplasmic Reticulum Marker
Immunogen	Recombinant N-terminal fragment of human Calnexin protein (around aa 1-300) (exact sequence is proprietary) (Uniprot: P27824)

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 2-4 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5 - 1 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	ELISA: Use Ab at 2-4ug/ml for coating. Order Ab without BSA. Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

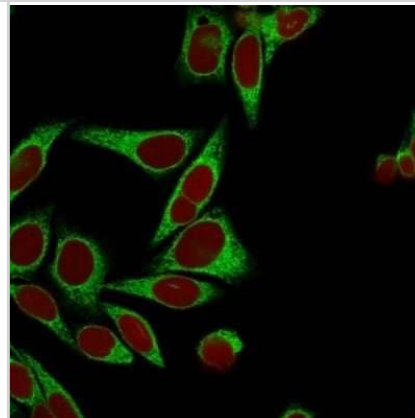


Images

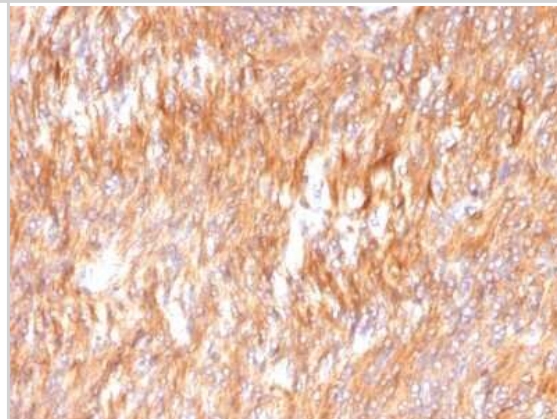
Western Blot: Calnexin Antibody (CANX/1541) [NBP2-53352] - Western Blot Analysis of HeLa and MCF-7 cell lysate using Calnexin Antibody (CANX/1541).



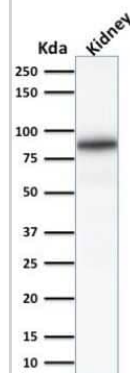
Immunocytochemistry/Immunofluorescence: Calnexin Antibody (CANX/1541) [NBP2-53352] - Confocal immunofluorescence image of HeLa cells using Calnexin Antibody (CANX/1541), labeled in Green. Red Dot is used to label the nuclei Red.



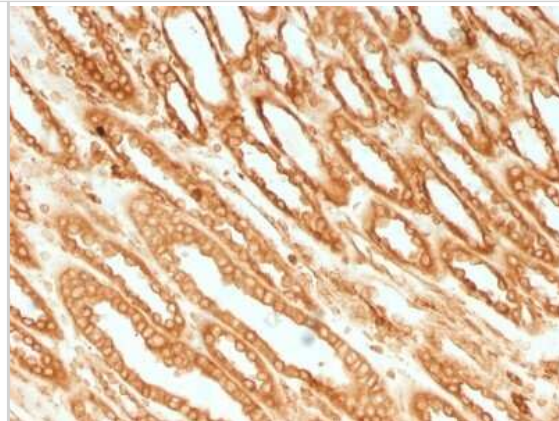
Immunohistochemistry-Paraffin: Calnexin Antibody (CANX/1541) [NBP2-53352] - Formalin-fixed, paraffin-embedded human Small Intestinal Carcinoma stained with Calnexin Monoclonal Antibody (CANX/1541).



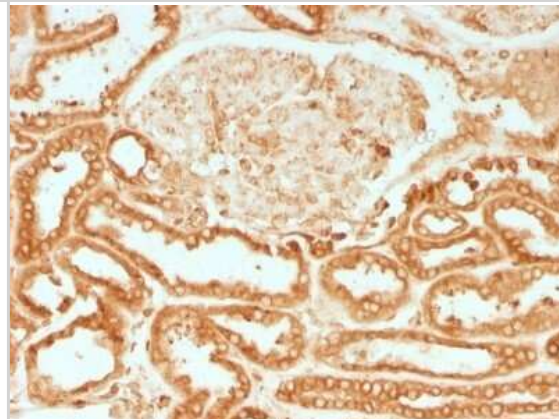
Western Blot: Calnexin Antibody (CANX/1541) [NBP2-53352] - Western Blot Analysis of Human Kidney lysate using Calnexin Antibody (CANX/1541).



Immunohistochemistry-Paraffin: Calnexin Antibody (CANX/1541) [NBP2-53352] - Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Calnexin Monoclonal Antibody (CANX/1541).



Immunohistochemistry-Paraffin: Calnexin Antibody (CANX/1541) [NBP2-53352] - Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Calnexin Monoclonal Antibody (CANX/1541).



Publications

Serebrenik YV, Sansbury SE, Kumar SS et al. Efficient and flexible tagging of endogenous genes by homology-independent intron targeting Genome Res. 2019-08-01 [PMID: 31239279] (WB, Human)



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 NBP2-53352-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NB100-1965PEP	Calnexin Antibody Blocking Peptide

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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