

Product Datasheet

Calnexin Antibody NBP1-37774

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-37774

Calnexin Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	821
Gene Symbol	CANX
Species	Human, Mouse
Marker	Endoplasmic Reticulum Membrane Marker
Specificity/Sensitivity	Reported variants represent identical protein (NP_001019820.1, NP_001737.1).
Immunogen	Peptide with sequence C-SKTPELNLDQFHDKT corresponding to internal region (near N-Terminus) according to NP_001737.1.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 1 ug/mL, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:128000

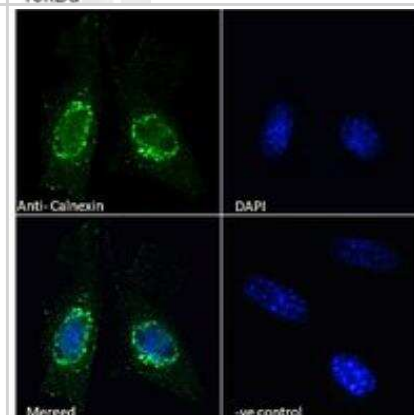


Images

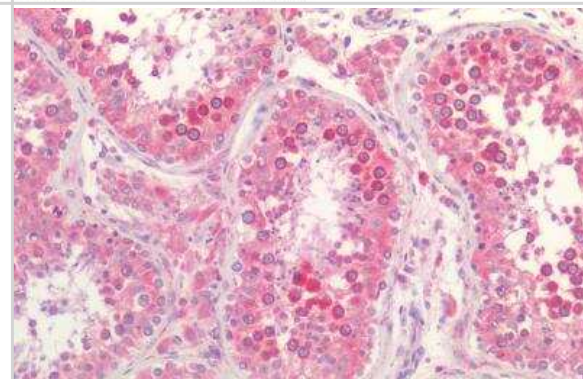
Western Blot: Calnexin Antibody [NBP1-37774] - Staining of CaCo-2 (A) with antibody at 0.1 ug/mL and NIH3T3 (B) cell lysate with antibody at 1 ug/mL (35 ug protein in RIPA buffer). Detected by chemiluminescence.



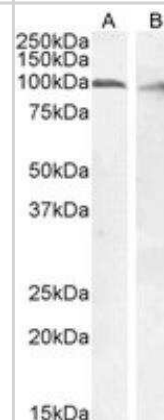
Immunocytochemistry/Immunofluorescence: Calnexin Antibody [NBP1-37774] - Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunohistochemistry-Paraffin: Calnexin Antibody [NBP1-37774] - Staining of paraffin embedded Human Testis. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: Calnexin Antibody [NBP1-37774] - Staining of Human Cerebellum (A) and Colorectal cancer (B) lysate (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Detected by chemiluminescence.



Publications

Dahlke E, Anan Y, Klie L et al. Megalin Orchestrates FcRn Endocytosis and Trafficking Cells 2022-12-22 [PMID: 36611847] (ICC/IF, Opossum)

Rosser MF, Grove DE, Chen L, Cyr DM. Assembly and misassembly of cystic fibrosis transmembrane conductance regulator: folding defects caused by deletion of F508 occur before and after the calnexin-dependent association of membrane spanning domain (MSD) 1 and MSD2. Mol Biol Cell 2008-11-01 [PMID: 18716059]

Golubinskaya V, Elvin J, Ebefors K et al. Bestrophin-3 is differently expressed in normal and injured mouse glomerular podocytes. Acta Physiol (Oxf). 2015-04-25 [PMID: 25912364] (IHC-P, Mouse)





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Products Related to NBP1-37774

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NB100-1974PEP	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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