

Product Datasheet

Calnexin Antibody - BSA Free NBP1-97485-0.05mg

Unit Size: 0.05 mg

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

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NBP1-97485-0.05mg

Calnexin Antibody - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 50% Glycerol

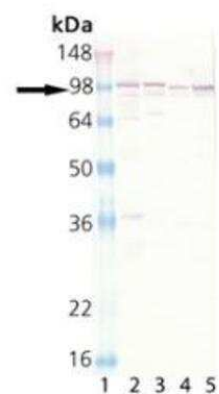
Product Description	
Host	Rabbit
Gene ID	821
Gene Symbol	CANX
Species	Human, Mouse, Rat, Porcine, Avian, Bovine, Canine, Chicken, Drosophila, Guinea Pig, Hamster, Primate, Rabbit, Sheep, Xenopus
Reactivity Notes	Quail (100%).
Marker	Endoplasmic Reticulum Membrane Marker
Immunogen	Synthetic peptide corresponding to the sequence near the C-terminus of canine calnexin.

Product Application Details	
Applications	Western Blot, Simple Western, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Simple Western 1:250, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Electron Microscopy 1:10-1:500
Application Notes	Detects a band of ~90kDa by Western blot. Flow Cytometry was reported in scientific literature.

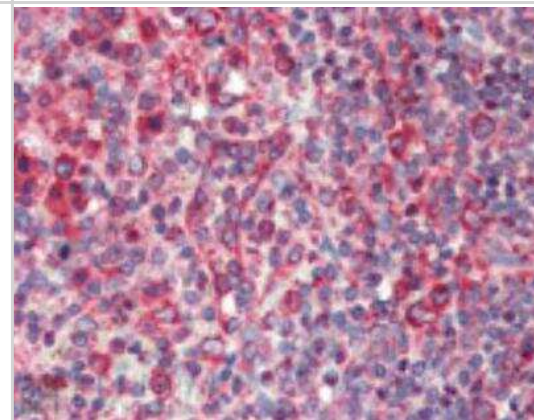


Images

Western Blot: Calnexin Antibody [NBP1-97485] - Analysis: Lane 1: HeLa (heat shocked), Lane 2: Vero (heat shocked), Lane 3: Rat-2 (heat shocked), Lane 4: L-929 (heat shocked).



Immunohistochemistry-Paraffin: Calnexin Antibody [NBP1-97485] - Analysis of human spleen tissue stained with Calnexin, pAb at 10ug/ml.



Publications

Gomez-Puerta S, Ferrero R, Hochstoeger T et al. Live imaging of the co-translational recruitment of XBP1 mRNA to the ER and its processing by diffuse, non-polarized IRE1 alpha eLife 2022-06-22 [PMID: 35730412] (WB)

Santamaria M, Pardo-Saganta A, Alvarez-Asiain L et al. Nuclear alpha1-Antichymotrypsin Promotes Chromatin Condensation and Inhibits Proliferation of Human Hepatocellular Carcinoma Cells. Gastroenterology 2013-01-04 [PMID: 23295442] (WB, Human)

L Scorrano et al. Mitofusin 2 tethers endoplasmic reticulum to mitochondria. Nature 456, 605 . 2008-01-01 [PMID: 19052620] (ICC/IF, FLOW, Human)

J Oberwinkler et al. Transient receptor potential M3 channels are ionotropic steroid receptors in pancreatic beta cells. Nat. Cell Biol. 10, 1421 . 2008-01-01 [PMID: 18978782] (WB, Human)

M Knepper et al. LC-MS/MS analysis of differential centrifugation fractions from native inner medullary collecting duct of rat. Am. J. Physiol. Renal Physiol. 295, F1799 . 2008-01-01 [PMID: 18922883] (WB, Rat)

G Barton et al. The ectodomain of Toll-like receptor 9 is cleaved to generate a functional receptor. Nature 456, 658 . 2008-01-01 [PMID: 18820679] (WB, Mouse)

RS Hegde et al. Substrate-specific function of the translocon-associated protein complex during translocation across the ER membrane. J. Cell Biol. 160, 529 . 2003-01-01 [PMID: 12578908] (WB, Porcine, Canine)

LJ Parent et al. Specificity of plasma membrane targeting by the rous sarcoma virus gag protein. J. Virol. 77, 470 . 2003-01-01 [PMID: 12477852] (ICC/IF)

K Nagata et al. Type XXVI collagen, a new member of the collagen family, is specifically expressed in the testis and ovary. J. Biol. Chem. 277, 37678 . 2002-01-01 [PMID: 12145293] (ICC/IF, Primate)

M Edidin et al. Probing for membrane domains in the endoplasmic reticulum: retention and degradation of unassembled MHC class I molecules. Mol. Biol. Cell 13, 1566 . 2002-01-01 [PMID: 12006653] (IP, Mouse)

SW Cushman et al. The export of major histocompatibility complex class I molecules from the endoplasmic reticulum of rat brown adipose cells is acutely stimulated by insulin. Mol. Biol. Cell 12, 101. 2001-01-01 [PMID: 11160826] (ICC/IF, Rat)

KP Kearse et al. T cell receptor assembly and expression in the absence of calnexin. Arch. Biochem. Biophys. 378, 182 . 2000-01-01 [PMID: 10871059] (IP, Human)





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Products Related to NBP1-97485-0.05mg

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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