

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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Publications: 12

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NBP1-97485-0.05mg

Calnexin Antibody - BSA Free

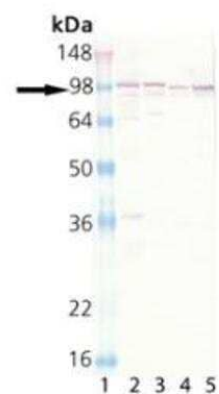
Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.2)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

Product Description	
Description	Novus Biologicals Rabbit Calnexin Antibody - BSA Free (NBP1-97485) is a polyclonal antibody validated for use in IHC, WB, Flow, ICC/IF, Simple Western and IP. Anti-Calnexin Antibody: Cited in 12 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

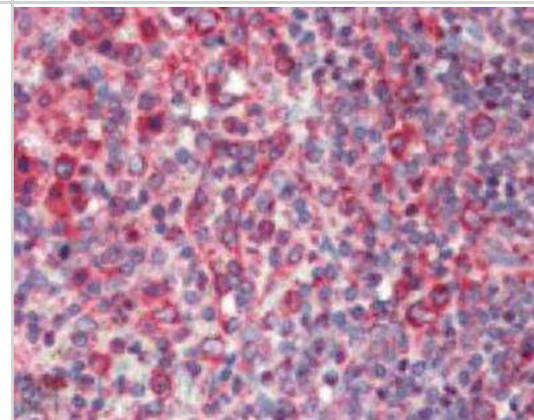
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Simple Western 1:2000, Flow Cytometry 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

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

Limitations

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