

Product Datasheet

Calnexin Antibody (3H4A7)

NBP1-47546

Unit Size: 0.1 ml

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

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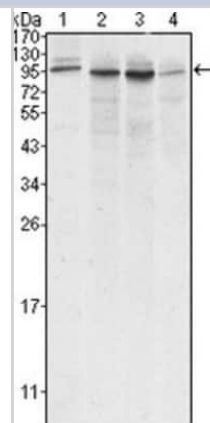
NBP1-47546

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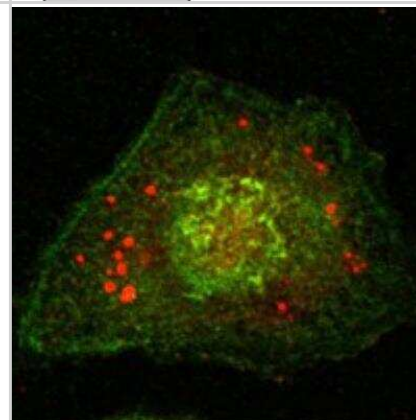
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3H4A7
Preservative	0.03% Sodium Azide
Isotype	IgG2b
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	90 kDa
Product Description	
Host	Mouse
Gene ID	821
Gene Symbol	CANX
Species	Human
Marker	Endoplasmic Reticulum Membrane Marker
Immunogen	A synthetic peptide (CEAAEERPWLWVYILTVAL) corresponding to a region of human Calnexin, conjugated to KLH. [UniProt# P27824]
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:10000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000
Application Notes	This Calnexin (3H4A7) antibody is useful for Western blot, Immunocytochemistry/Immunofluorescence and ELISA.

Images

Western Blot: Calnexin Antibody (3H4A7) [NBP1-47546] - Western blot analysis using anti-Calnexin monoclonal antibody against A431 (1), HeLa (2), MCF-7 (3) and A549 (4) cell lysate.



Immunocytochemistry/Immunofluorescence: Calnexin Antibody (3H4A7) [NBP1-47546] - Confocal immunofluorescence analysis of HeLa cells using anti-Calnexin mAb (green).



Publications

Kim S, Lee K, Choi YS et al. Mitochondrial double-stranded RNAs govern the stress response in chondrocytes to promote osteoarthritis development *Cell reports* 2022-08-09 [PMID: 35947956] (WB)

Details:
Supplementary Figure S5.

Kulbay M, Johnson B, Ricaud G et al. DFF40 translocates to the mitochondria during apoptosis and regulates mitochondrial integrity and function *Research Square* 2021-02-10

Arachchige SP, Henke W, Pramanik A et al. Analysis of Select HSV-1 Proteins for Restriction of Human Immunodeficiency Virus Type 1: The HSV-1 gM Protein Potently Restricts HIV-1 by Preventing the Intracellular Transport and Processing of Env gp160 *J. Virol.* 2017-11-01 [PMID: 29093081] (Human)



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Products Related to NBP1-47546

NB800-PC1	HeLa Whole Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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