

Product Datasheet

Calnexin Antibody (3H4A7) - BSA Free 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

Calnexin Antibody (3H4A7) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
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	Protein G purified
Buffer	PBS
Target Molecular Weight	90 kDa

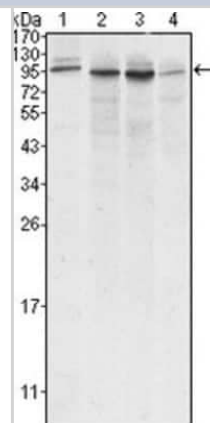
Product Description	
Description	Novus Biologicals Mouse Calnexin Antibody (3H4A7) - BSA Free (NBP1-47546) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-Calnexin Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	821
Gene Symbol	CANX
Species	Human
Marker	Endoplasmic Reticulum Membrane Marker
Immunogen	A synthetic peptide (CEAAEERPWLWVVYILTVL) 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.

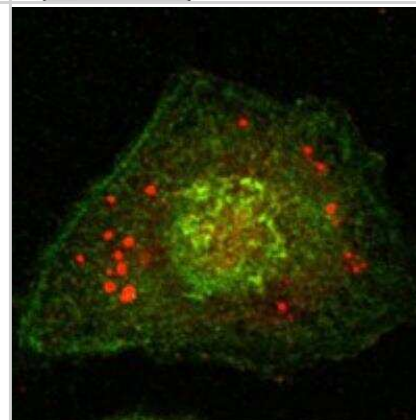


Images

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
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
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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