

# 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.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-47546](http://www.novusbio.com/NBP1-47546)

Updated 4/29/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-47546](http://www.novusbio.com/reviews/destination/NBP1-47546)



**NBP1-47546**

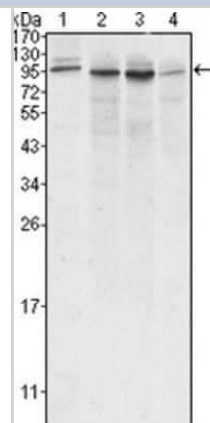
Calnexin Antibody (3H4A7) - BSA Free

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	
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.

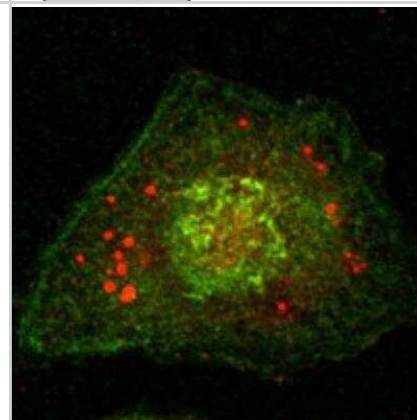


## Images

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)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-47546](http://www.novusbio.com/reviews/submit/NBP1-47546)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

