

# Product Datasheet

## Calnexin Antibody (CANX/1543) - Azide and BSA Free NBP2-79835

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-79835](http://www.novusbio.com/NBP2-79835)

Updated 7/16/2024 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/NBP2-79835](http://www.novusbio.com/reviews/destination/NBP2-79835)



**NBP2-79835**

Calnexin Antibody (CANX/1543) - Azide and BSA Free

**Product Information**

|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| <b>Unit Size</b>               | 100 ug                                          |
| <b>Concentration</b>           | 1 mg/ml                                         |
| <b>Storage</b>                 | Store at -20 to -80C. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal                                      |
| <b>Clone</b>                   | CANX/1543                                       |
| <b>Preservative</b>            | No Preservative                                 |
| <b>Isotype</b>                 | IgG1 Kappa                                      |
| <b>Purity</b>                  | Protein A or G purified                         |
| <b>Buffer</b>                  | 10 mM PBS                                       |
| <b>Target Molecular Weight</b> | 90 kDa                                          |

**Product Description**

|                    |                                                                                                                                                                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | 1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-79701).<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| <b>Host</b>        | Mouse                                                                                                                                                                                                                                                                         |
| <b>Gene ID</b>     | 821                                                                                                                                                                                                                                                                           |
| <b>Gene Symbol</b> | CANX                                                                                                                                                                                                                                                                          |
| <b>Species</b>     | Human                                                                                                                                                                                                                                                                         |
| <b>Marker</b>      | Endoplasmic Reticulum Marker                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>   | Recombinant N-terminal fragment of human Calnexin protein (around aa 1-300) (exact sequence is proprietary) (Uniprot: P27824)                                                                                                                                                 |

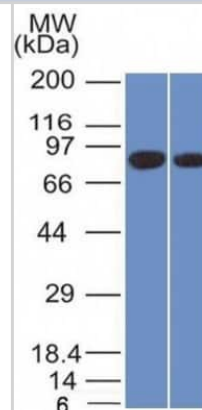
**Product Application Details**

|                              |                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array                                                                                                                                                                                                                                                                                     |
| <b>Recommended Dilutions</b> | Western Blot 1-2 ug/ml, ELISA 2-4 ug/ml, Immunohistochemistry 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array                                                                                                                                                                                                                                             |
| <b>Application Notes</b>     | ELISA: Use Ab at 2-4ug/ml for coating. Order Ab without BSA.<br>Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. |

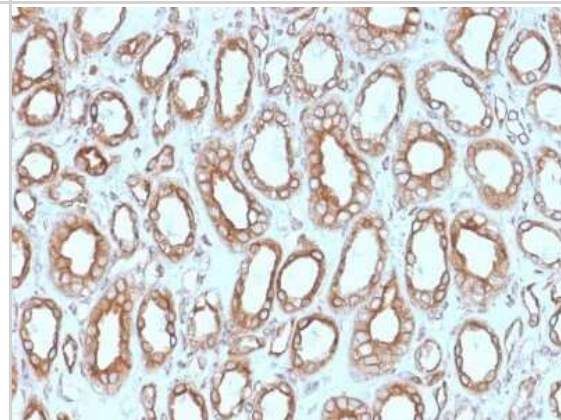


## Images

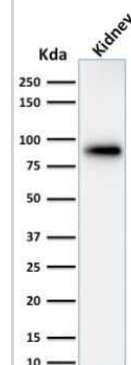
Western Blot: Calnexin Antibody (CANX/1543) - Azide and BSA Free [NBP2-79835] - Western Blot of Analysis of PANC1 and MCF-7 cell lysate using Calnexin Antibody (CANX/1543).



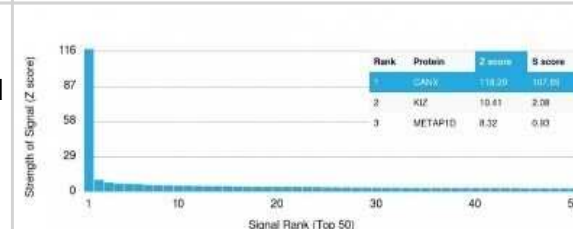
Immunohistochemistry-Paraffin: Calnexin Antibody (CANX/1543) - Azide and BSA Free [NBP2-79835] - Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Calnexin Antibody (CANX/1543).



Western Blot: Calnexin Antibody (CANX/1543) - Azide and BSA Free [NBP2-79835] - Western Blot of Analysis of human Kidney lysate using Calnexin Antibody (CANX/1543).



Protein Array: Calnexin Antibody (CANX/1543) - Azide and BSA Free [NBP2-79835] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Calnexin Antibody (CANX/1543). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-ta





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-79835**

---

|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| 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.

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/NBP2-79835](http://www.novusbio.com/reviews/submit/NBP2-79835)

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

