

# Product Datasheet

## Calnexin Antibody (CANX/1541) - Azide and BSA Free NBP2-54552-100ug

Unit Size: 100 ug

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

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**NBP2-54552-100ug**

Calnexin Antibody (CANX/1541) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CANX/1541
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	90 kDa

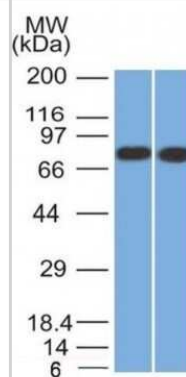
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53352).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	821
Gene Symbol	CANX
Species	Human, Rat (Negative)
Reactivity Notes	Does not react with Rat.
Marker	Endoplasmic Reticulum Marker
Immunogen	Recombinant N-terminal fragment of human Calnexin protein (around aa 1-300) (exact sequence is proprietary) (Uniprot: P27824)

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 0.5 - 1 ug/ml, ELISA 2-4 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5 - 1 ug/ml, Immunohistochemistry-Paraffin 1 - 2 ug/ml, CyTOF-ready
Application Notes	ELISA: Use Ab at 2-4ug/ml for coating. Order Ab without BSA. 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.

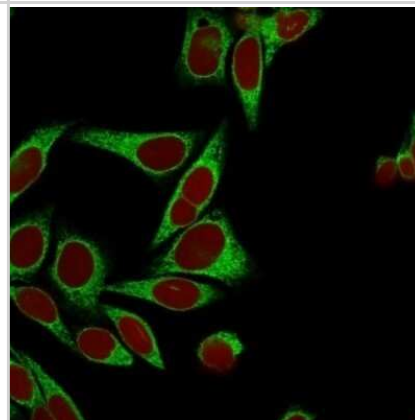


## Images

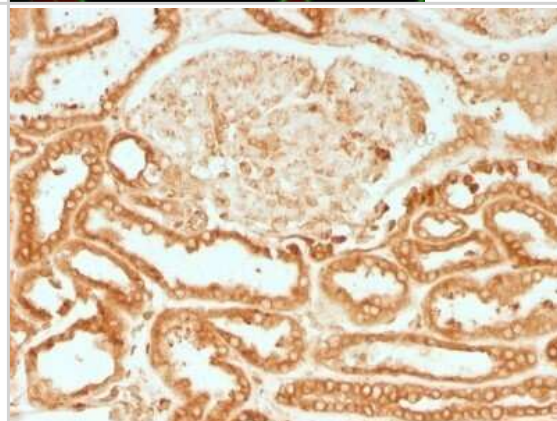
Western Blot: Calnexin Antibody (CANX/1541) - Azide and BSA Free [NBP2-54552] - Western Blot Analysis of HeLa and MCF-7 cell lysate using Calnexin Antibody (CANX/1541).



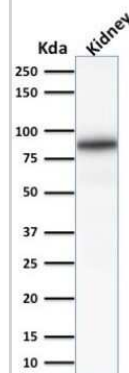
Immunocytochemistry/Immunofluorescence: Calnexin Antibody (CANX/1541) - Azide and BSA Free [NBP2-54552] - Confocal immunofluorescence image of HeLa cells using Calnexin Antibody (CANX/1541), labeled in Green. Red Dot is used to label the nuclei Red.



Immunohistochemistry-Paraffin: Calnexin Antibody (CANX/1541) - Azide and BSA Free [NBP2-54552] - Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Calnexin Monoclonal Antibody (CANX/1541).



Western Blot: Calnexin Antibody (CANX/1541) - Azide and BSA Free [NBP2-54552] - Western Blot Analysis of Human Kidney lysate using Calnexin Antibody (CANX/1541).



Immunohistochemistry-Paraffin: Calnexin Antibody (CANX/1541) - Azide and BSA Free [NBP2-54552] - Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Calnexin Monoclonal Antibody (CANX/1541).



Immunohistochemistry-Paraffin: Calnexin Antibody (CANX/1541) - Azide and BSA Free [NBP2-54552] - Formalin-fixed, paraffin-embedded human Small Intestinal Carcinoma stained with Calnexin Monoclonal Antibody (CANX/1541).





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### **Products Related to NBP2-54552-100ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NB100-1965PEP	Calnexin Antibody Blocking Peptide

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### **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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