antibodies -online.com





anti-Calnexin antibody (N-Term)



Images



Overview

Quantity:	100 μg
Target:	Calnexin (CANX)
Binding Specificity:	AA 1-300, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Calnexin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Coating (Coat), Staining Methods (StM)

Product Details

Immunogen:	Recombinant N-terminal fragment of human Calnexin protein (around aa 1-300) (exact sequence is proprietary)
Clone:	CANX-1541
Isotype:	IgG2b kappa
Specificity:	It recognizes a protein of 90 kDa, which is identified as Calnexin. Secretory and transmembrane proteins are synthesized on polysomes and translocate into the endoplasmic reticulum (ER) where they are often modified by the formation of disulfide bonds, amino-linked glycosylation and folding. To help proteins fold properly, the ER contains a pool of molecular chaperones including calnexin. It is a calcium-binding, endoplasmic reticulum (ER)-associated protein that
	interacts transiently with newly synthesized N-linked glycoproteins, facilitating protein folding

Product Details

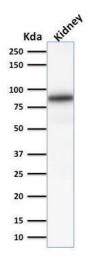
Product Details	
	and assembly. It may also play a central role in the quality control of protein folding by retaining
	incorrectly folded protein subunits within the ER for degradation.
No Cross-Reactivity:	Rat (Rattus)
Purification:	Purified by Protein A/G
Target Details	
Target:	Calnexin (CANX)
Alternative Name:	CANX (CANX Products)
Molecular Weight:	90kDa
Gene ID:	821
UniProt:	P27824
Pathways:	MAPK Signaling, Thyroid Hormone Synthesis
Application Details	
Application Notes:	Positive Control: HeLa, MCF-7 or U2OS cells. Kidney or small intestine.
	Known Application: ELISA (Use Ab at 2-4 μ g/mL for coating) (Order Ab without BSA), Western
	Blot (1-2 μ g/mL), Immunohistochemistry (Formalin-fixed) (1-2 μ g/mL for 30 minutes at
	RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate
	Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution for a
	specific application should be determined.
Restrictions:	For Research Use only
Handling	
Concentration:	200 μg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date:

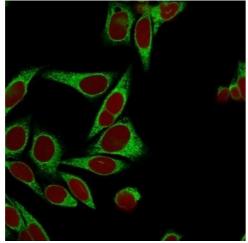
24 months

Images



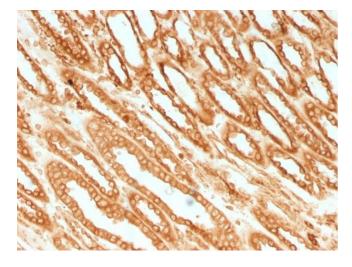
Western Blotting

Image 1. Western Blot Analysis of Human Kidney lysate using Calnexin Mouse Monoclonal Antibody (CANX/1541).



Immunofluorescence

Image 2. Confocal immunofluorescence image of HeLa cells using Calnexin Mouse Monoclonal Antibody (CANX/1541), labeled in Green. Reddot is used to label the nuclei Red.



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Calnexin Mouse Monoclonal Antibody (CANX/1541).

Please check the product details page for more images. Overall 7 images are available for ABIN6940952.