

Cat. No:	AB-81541
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 501-592 of human CANX
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:100 Immunofluorescence: 1:50 - 1:100
Molecular Weight:	90kDa
Purification:	Aff. Pur.
Synonyms:	CANX; CNX; IP90; P90; calnexin
Background:	This gene encodes a member of the calnexin family of molecular chaperones. The encoded protein is a calcium-binding, endoplasmic reticulum (ER)-associated protein that interacts transiently with newly synthesized N-linked glycoproteins, facilitating protein folding 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. Alternatively spliced transcript variants encoding the same protein have been described.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Storage:	Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of SW480 cells, using CANX Rabbit pAb at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) t 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL West Pico Plus.
Exposure time: 5s.



Immunohistochemical analysis of Paraffin-Embedded Human Breast Carcinoma using Calnexin Polyclonal Antibody.



Immunofluorescence analysis of HeLa cells using CANX antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using CANX antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

References

Journal:Theranostics

Application:WB

IF:8.063

Species:Homo sapiens

PMID:31149048 Title: Localized injection of miRNA-21-enriched extracellular vesicles effectively restores cardiac function after myocardial infarction.

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