

Mouse anti-Human Calnexin Monoclonal Antibody | anti-CANX antibody

Calnexin antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48948	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

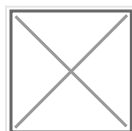
PRODUCT SYNONYMS

Calnexin; Monoclonal Antibody; Calnexin antibody; CNX; IP90; P90; CANX; FLJ26570; Histocompatibility complex class I antigen binding protein p88; ; anti-CANX antibody

PRODUCT SPECIFICATIONS

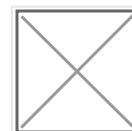
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	AT18B9
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	592
Applicable Applications for anti-CANX antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Immunogen	Recombinant human Calnexin (21-481aa) purified from E. coli.
Preparation and Storage	Can be stored at 4 degree C to 8 degree C. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of Calnexin in HeLa cells. The cell was stained with AAA48948 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Calnexin antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate Lane 2.: MCF7 cell lysate Lane 3.: A431 cell lysate Lane 4.: A549 cell lysate Lane 5.: 293T cell lysate Lane 6.: HepG2 cell lysate Lane 7.: Jurkat cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CANX antibody	Calnexin, also known as IP90, p88 and p90, is a member of the calnexin family of molecular chaperones. This 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.
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Product Categories/Family for anti-CANX antibody	Heat Shock Proteins; Signal Transduction; Cancer; Glycobiology
References	Wang B., et al. (2009) Immunology. 128 (1): 43-57.; Millar DJ., et al. (2009) Proteomics. 9 (9): 2355-72.

NCBI AND UNIPROT INFORMATION

NCBI GI #	66933005
NCBI GeneID	821
NCBI Accession #	NP_001019820
NCBI GenBank Nucleotide #	NM_001024649.1
UniProt Accession #	P27824; B2R5V8; B4DGP8; B4E2T8; D3DWQ3; D6R9K3
NCBI Official Full Name	calnexin
NCBI Official Synonym Full Names	calnexin
NCBI Official Symbol	CANX
NCBI Official Synonym Symbols	CNX; P90; IP90
NCBI Protein Information	calnexin
UniProt Protein Name	Calnexin
UniProt Gene Name	CANX

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/calnexin-antibody-clone-at18b9-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/48948>