

Rabbit Calnexin Polyclonal Antibody | anti-CANX antibody

Calnexin Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281584	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

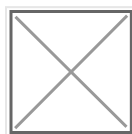
PRODUCT SYNONYMS

Calnexin; Polyclonal Antibody; Calnexin Rabbit pAb; CNX; IP90; P90; CANX; calnexin; anti-CANX antibody

PRODUCT SPECIFICATIONS

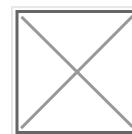
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	FCCSGKKQTS GMEYKKTdap QPDVKEEEEE KEEKDKGDE EEEGEEKLEE KQKSDAEEDG GTVSQEEEDR KPKAEDEIL NRSPRNRKPR RE
Applicable Applications for anti-CANX antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 501-592 of human Calnexin (NP_001737.1).
Cellular Location	Endoplasmic reticulum, Endoplasmic reticulum membrane, Melanosome, Single-pass type I membrane protein
Positive Samples	SW480, NIH/3T3
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



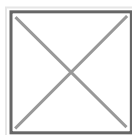
IP (Immunoprecipitation)

Immunoprecipitation analysis of 300ug extracts of NIH/3T3 cells using 3ug Calnexin antibody . Western blot was performed from the immunoprecipitate using Calnexin antibody at a dilution of 1:500.



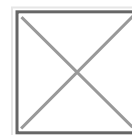
IF (Immunofluorescence)

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



IF (Immunofluorescence)

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



WB (Western Blot)

Western blot analysis of extracts of SW480 cells, using Calnexin Rabbit pAb at 1:500 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-CANX antibody	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.
Product Categories/Family for anti-CANX antibody	Epigenetics & Nuclear Signaling; RNA Binding

NCBI AND UNIPROT INFORMATION

NCBI GI #	66933005
NCBI GeneID	821
NCBI Accession #	NP_001019820.1
NCBI GenBank Nucleotide #	NM_001024649.1
UniProt Accession #	P27824; B2R5V8; D3DWQ3
Molecular Weight	67,568 Da
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; major histocompatibility complex class I antigen-binding protein p88
UniProt Protein Name	Calnexin
UniProt Gene Name	CANX
UniProt Entry Name	CALX_HUMAN

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.