

Rabbit CANX Polyclonal Antibody | anti-CANX antibody

CANX antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200963	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

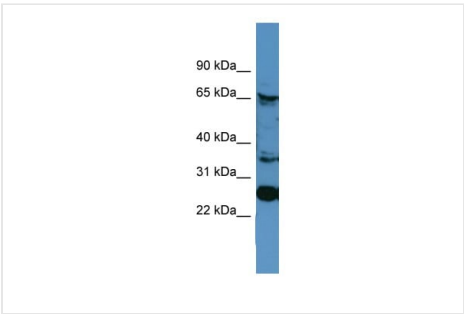
PRODUCT SYNONYMS

CANX; Polyclonal Antibody; CANX antibody - C-terminal region; anti-CANX antibody

PRODUCT SPECIFICATIONS

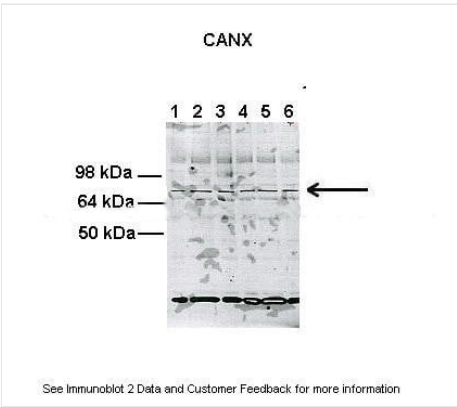
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RP WLWVVYILTV ALPVFLVILF CCSGKKQTSG MEYKKTDA PQ PDVKEEEE
Sequence Length	592
Applicable Applications for anti-CANX antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CANX
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CANX Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:312500 Positive Control: A549 cell lysate CANX is strongly supported by BioGPS gene expression data to be expressed in Human A549 cells



WB (Western Blot)

Researcher: DR. Kimilia Kent, Emory University Application: Western blotting Species + Tissue/Cell type: Rat Inner Medulla ~ 17.5 ug How many ug's of tissue/cell lysate run on the gel: 1. 17.5 ug rat inner medulla lysate 2. 17.5 ug rat inner medulla lysate 3. 17.5 ug rat inner medulla lysate 4. 17.5 ug rat inner medulla lysate 5. 17.5 ug rat inner medulla lysate 6. 17.5 ug rat inner medulla lysate Primary antibody dilution: 1:2000 Secondary antibody: Alexa 680 goat anti-rabbit Secondary antibody dilution: 1:4000

ADDITIONAL INFORMATION

Related Product Information for anti-CANX antibody	This is a rabbit polyclonal antibody against CANX. It was validated on Western Blot Target Description: 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	Polyclonal; Signaling Intermediate; Membrane Protein; Drugs and Drug Metabolism; Disease Related; Glycosylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	10716563
NCBI GeneID	821
NCBI Accession #	NP_001737
NCBI GenBank Nucleotide #	NM_001746
UniProt Accession #	P27824
Molecular Weight	65kDa
NCBI Official Full Name	calnexin isoform d
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.