

Calnexin Antibody | anti-CANX antibody

Calnexin (Phospho-Ser583) Antibody

CATALOG # AAA110035	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
-------------------------------	--	--

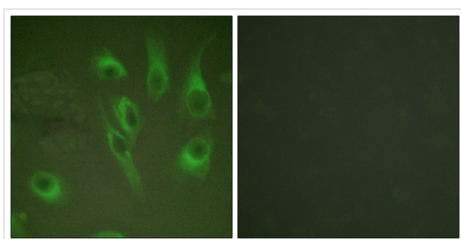
PRODUCT SYNONYMS

Calnexin; Calnexin (Phospho-Ser583) Antibody; CALX; IP90; Major histocompatibility complex class I antigen-binding protein p88; p90; anti-CANX antibody

PRODUCT SPECIFICATIONS

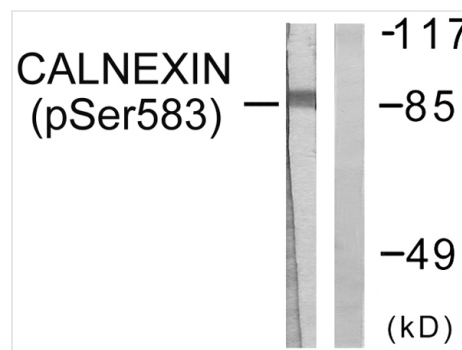
Reactivity	Human, Mouse, Rat
Specificity	Calnexin (Phospho-Ser583) antibody detects endogenous levels of Calnexin only when phosphorylated at serine 583.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	592
Applicable Applications for anti-CANX antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Calnexin around the phosphorylation site of serine 583 (N-R-SP-P-R).
All Sites	Human: Ser583 Mouse: Ser582 Rat: Ser582
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



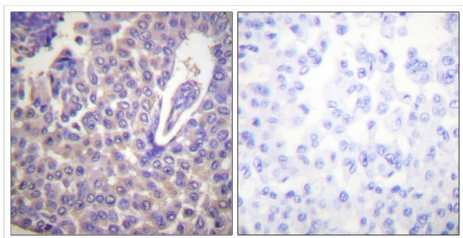
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HeLa cells, using Calnexin (Phospho-Ser583) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Calnexin (Phospho-Ser583) antibody. Western blot analysis of extracts from HeLa cells, treated with EGF (200ng/ml, 30mins), using Calnexin (Phospho-Ser583) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-CANX antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Shaun P Brothers, J. Mol. Endocrinol., Dec 2006; 37: 479-488. Vilasack Thammavongsa, J. Biol. Chem., Sep 2005; 280: 33497-33505. Yasushi Okazaki, J. Biol. Chem., Nov 2000; 275: 35751. Milka Popov, J. Biol. Chem., Jun 1999; 274: 17635.

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; B4DGP8; B4E2T8; D3DWQ3; D6R9K3
Molecular Weight	55,598 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
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/canx-human-mouse-rat-antibody/calnexin/110035>