

Product Datasheet

Calnexin-CT Antibody (RPE) (orb152003)

Catalog Number	orb152003
Category	Antibodies
Description	Rabbit polyclonal antibody against Calnexin conjugated to RPE
Target	Calnexin-CT
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	RPE
Reactivity	Aves, Bovine, Canine, Drosophila, Frog, Gallus, Guinea pig, Hamster, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Sheep
Concentration	1 mg/ml
Buffer/Preservatives	95.46mM Phosphate, 2.48mM MES and 2mM EDTA
Purification	Peptide Affinity Purified
Immunogen	Dog Calnexin C-terminal synthetic peptide conjugated to KLH. Identical to human, mouse and rat calnexin sequences over these residues.
UniProt ID	P24643
MW	90kDa
Tested applications	FC, ICC, IF, IHC, IP, WB
Dilution range	WB (1:2000), ICC/IF (1:100), IHC (1:100)

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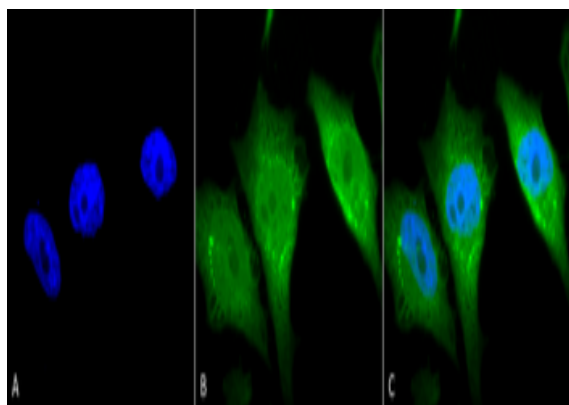
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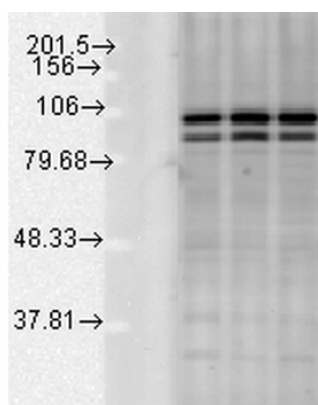
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Application notes	A 1:2000 dilution was sufficient for detection of Calnexin in 10 µg of HeLa cell lysate by ECL immunoblot analysis.
Specificity	Detects the C-terminal domain of Calnexin ~90kDa. Weak detection in Chicken, Drosophila, and Xenopus tissues.
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Entrez	403908
NCBI	NP_001003232.1
Expiration Date	12 months from date of receipt.



Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-Calnexin-CT Polyclonal Antibody. Tissue: Heat Shocked Cervical cancer cell line (HeLa). Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-Calnexin-CT Polyclonal Antibody at 1:80 for 12 hours at 4°C. Secondary Antibody: FITC Goat Anti-Rabbit (green) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Endoplasmic reticulum membrane. Melanosome. Magnification: 100x. Heat Shocked at 42°C for 1h.



Western blot analysis of Rat tissue mix showing detection of Calnexin-CT protein using Rabbit Anti-Calnexin-CT Polyclonal Antibody. Load: 15 µgprotein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Rabbit Anti-Calnexin-CT Polyclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Donkey Anti-Rabbit IgG: HRP for 1 hour at RT.

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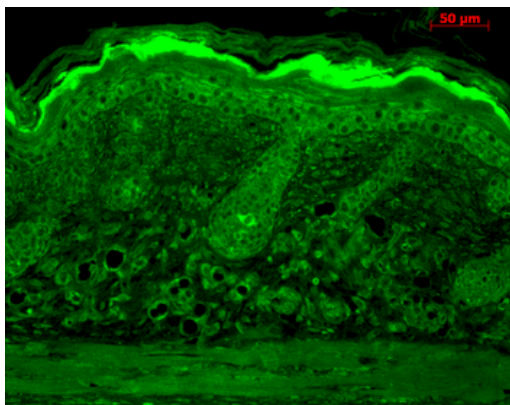
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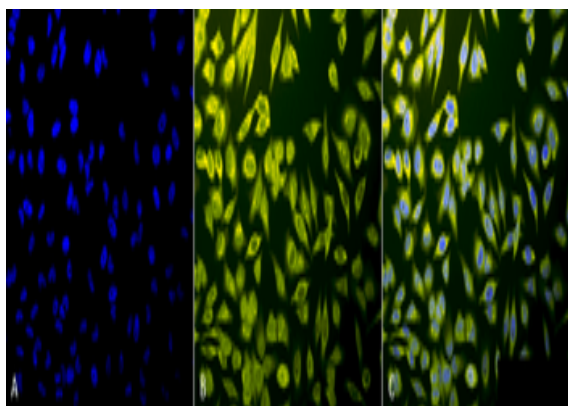
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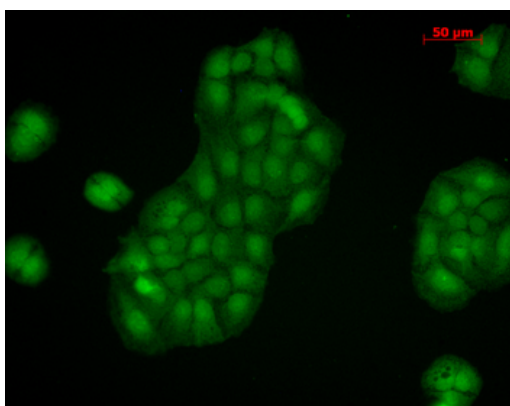
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Immunohistochemistry analysis using Rabbit Anti-Calnexin-CT Polyclonal Antibody. Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative Solution. Primary Antibody: Rabbit Anti-Calnexin-CT Polyclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Rabbit (green) at 1:50 for 1 hour at RT. Localization: Hair Follicles, Basal cells in epidermis, and second layer of epidermis.



Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-Calnexin-CT Polyclonal Antibody. Tissue: Heat Shocked Cervical cancer cell line (HeLa). Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-Calnexin-CT Polyclonal Antibody at 1:80 for 12 hours at 4°C. Secondary Antibody: R-PE Goat Anti-Rabbit (yellow) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Endoplasmic reticulum membrane. Melanosome. Magnification: 20x. (A) DAPI (blue) nuclear stain. (B) Anti-Calnexin-CT Antibody. (C) Composite. Heat Shocked at 42°C for 1h.



Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-Calnexin-CT Polyclonal Antibody. Tissue: HaCaT cells. Species: Human. Fixation: Cold 100% methanol at -20°C for 10 minutes. Primary Antibody: Rabbit Anti-Calnexin-CT Polyclonal Antibody at 1:100 for 12 hours at 4°C. Secondary Antibody: FITC Goat Anti-Rabbit at 1:50 for 1-2 hours at RT in dark. Localization: Nuclear staining, cytoplasmic staining.

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