

Anti-Calnexin CANX Antibody

Catalog Number: A03372-1

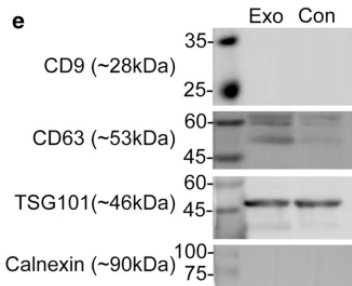
Overview

Product Name	Anti-Calnexin CANX Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Calnexin CANX Antibody catalog # A03372-1. Tested in WB, IHC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% stabilizing protein and 0.02% sodium azide. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P27824

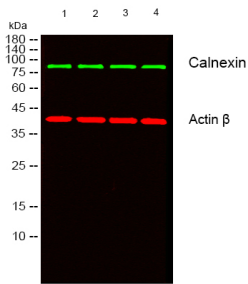
Technical Details

Immunogen	The antiserum was produced against synthesized peptide derived from human Calnexin. AA range:543-592
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Immunogen affinity purified
Suggested Dilutions	WB 1:500-1:2000 IHC: 1:100-300 ELISA 1:20000 IF 1:100-300

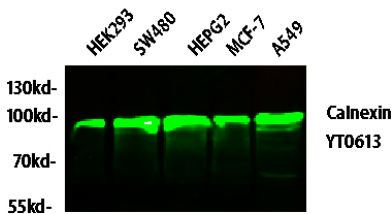
Anti-Calnexin CANX Antibody (A03372-1) Images



Western blot analysis of lysates from 1) HCT116, 2) HEK293, 3) MCF-7, 4) A549 cells, (Green primary antibody was diluted at 1:1000, 4° over night, secondary antibody was diluted at 1:10000, 37° 1hour. (Red Actin beta Monoclonal Antibody (5B7) antibody was diluted at 1:5000 as loading control, 4° over night, secondary antibody was diluted at 1:10000, 37° 1hour.



Western blot analysis of lysates from HT-29, NIH/3T3, and HepG2 cells, primary antibody was diluted at 1:1000, 4° over night, secondary antibody was diluted at 1:10000, 37° 1hour.

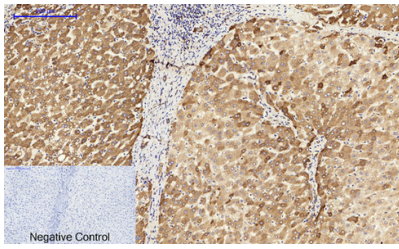


Western Blot analysis of 293 cells using Calnexin Polyclonal Antibody diluted at 1:2000

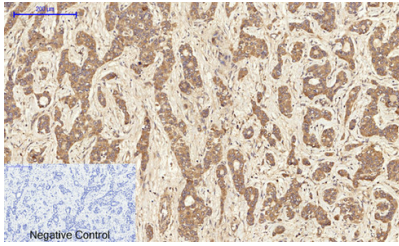


Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1, Calnexin Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.

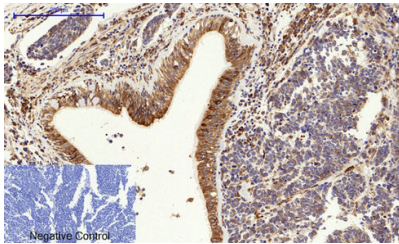
Immunohistochemical analysis of paraffin-embedded Human-liver-cancer tissue. 1, Calnexin Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



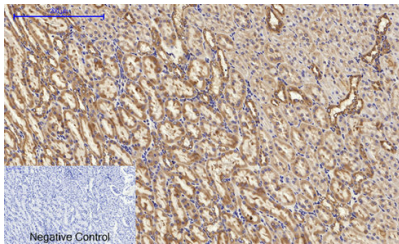
Immunohistochemical analysis of paraffin-embedded Human-lung-cancer tissue. 1, Calnexin Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



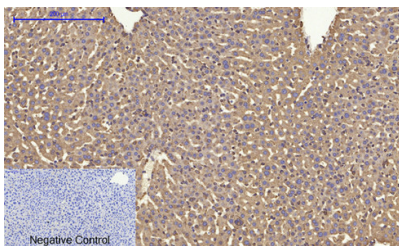
Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1, Calnexin Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



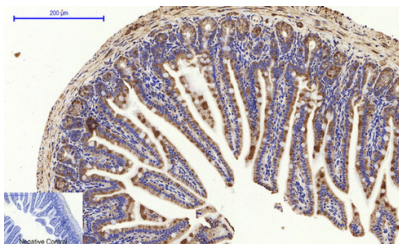
Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue. 1, Calnexin Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



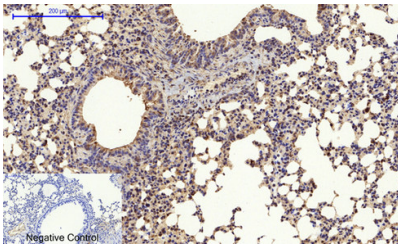
Immunohistochemical analysis of paraffin-embedded Mouse-colon tissue. 1, Calnexin Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



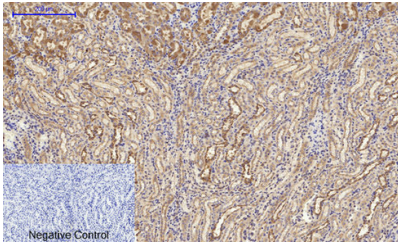
Immunohistochemical analysis of paraffin-embedded Mouse-lung tissue. 1, Calnexin Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



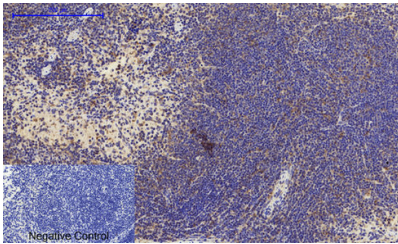
Immunohistochemical analysis of paraffin-embedded Mouse-kidney tissue. 1, Calnexin Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody



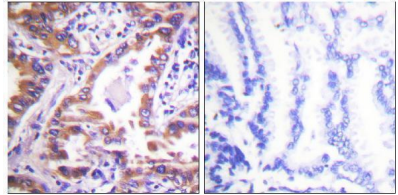
was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



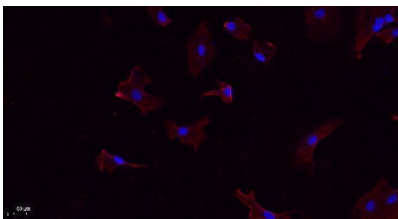
Immunohistochemical analysis of paraffin-embedded Mouse spleen tissue. 1, Calnexin Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



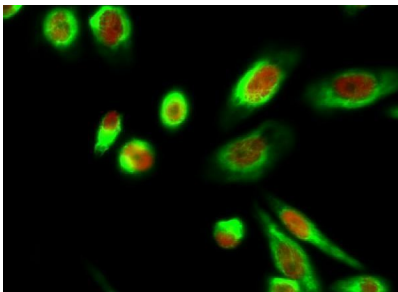
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Calnexin Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of A549. 1, primary Antibody (red) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min.

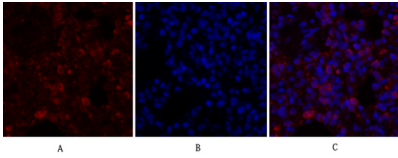


Immunofluorescence analysis of HeLa cell. 1, Calnexin Polyclonal Antibody (green) was diluted at 1:200 (4°C overnight). (red) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 594 was diluted at 1:1000 (room temperature, 50min).

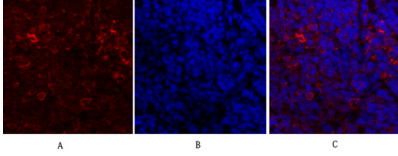


Immunofluorescence analysis of rat-lung tissue. 1, Calnexin Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B

Immunofluorescence analysis of rat-kidney tissue. 1, Calnexin Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue)



10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunofluorescence analysis of rat-spleen tissue. 1, Calnexin Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

2 Publications Citing This Product

1. PubMed ID: 34074322, Yu F,Liang M,Huang Y,Wu W,Zheng B,Chen C.Hypoxic tumor-derived exosomal miR-31-5p promotes lung adenocarcinoma metastasis by negatively regulating SATB2-reversed EMT and activating MEK/ERK signaling.J Exp Clin Cancer Res.2021 Jun 1;40(1):179.doi:10.1186/s13046-021-01979-7.PMID:34074322.

2. PubMed ID: 34014413, Li Y,Yu Y,Xie Z,Ye X,Liu X,Xu B,Mao J.Serum-derived exosomes accelerate scald wound healing in mice by optimizing cellular functions and promoting Akt phosphorylation.Biotechnol Lett.2021 May 20.doi:10.1007/s10529-021-03148-4.Epub ahead of print.PMID:34014413.

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Anti-Calnexin CANX Antibody

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