

For Research Use Only

Calnexin Recombinant antibody

Catalog Number: 81938-1-RR



Basic Information

Catalog Number: 81938-1-RR	GenBank Accession Number: BC003552	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 821	CloneNo.: 3K18
Source: Rabbit	UNIPROT ID: P27824	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:250-1:1000 IF 1:500-1:2000
Isotype: IgG	Full Name: calnexin	
Immunogen Catalog Number: AG0697	Calculated MW: 90 kDa	
	Observed MW: 90 kDa	

Applications

Tested Applications:
IF/ICC, IHC, WB, ELISA

Species Specificity:
Human, Mouse, Rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells, MCF-7 cells, K-562 cells, NIH/3T3 cells, C6 cells

IHC : human cervical cancer tissue,

IF : HepG2 cells,

Background Information

Calnexin is a molecular chaperone that resides in the endoplasmic reticulum (ER) and participates in the folding and assembly of newly synthesized proteins. Calnexin is highly abundant in ER and is frequently used as an ER marker.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

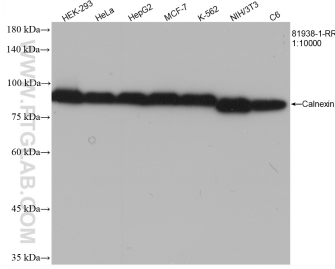
T: 4006900926

E: Proteintech-CN@ptglab.com

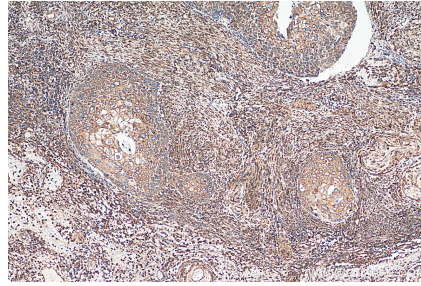
W: ptgcn.com

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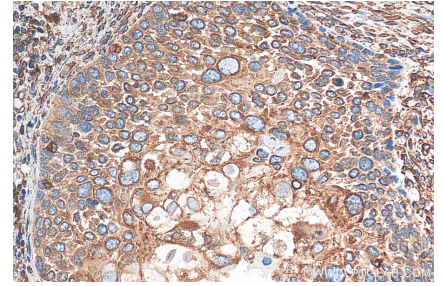
Selected Validation Data



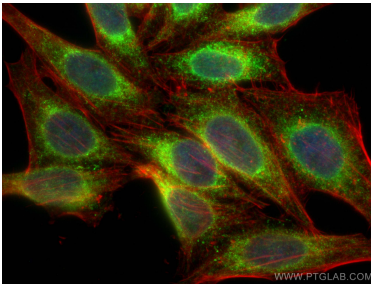
Various lysates were subjected to SDS PAGE followed by western blot with 81938-1-RR (Calnexin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 81938-1-RR (Calnexin antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 81938-1-RR (Calnexin antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Calnexin antibody (81938-1-RR, Clone: 3K18) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).