

# Calnexin Recombinant antibody

Catalog Number: 81938-1-RR

## Basic Information

<b>Catalog Number:</b> 81938-1-RR	<b>GenBank Accession Number:</b> BC003552	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 821	<b>CloneNo.:</b> 3K18
<b>Source:</b> Rabbit	<b>Full Name:</b> calnexin	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:250-1:1000 IF 1:500-1:2000
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 90 kDa	
<b>Immunogen Catalog Number:</b> AG0697	<b>Observed MW:</b> 90 kDa	

## Applications

### Tested Applications:

IF, 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

\*\*\* 20ul sizes contain 0.1% BSA

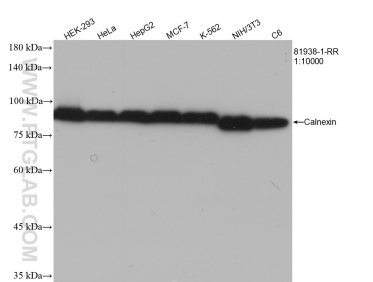
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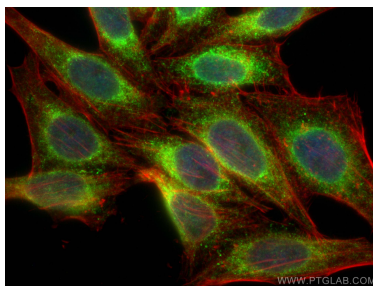
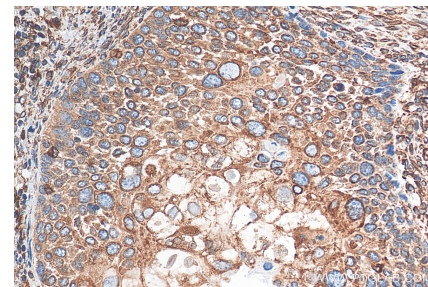
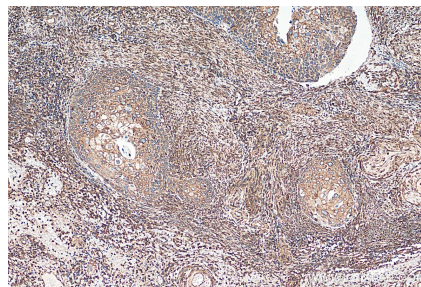
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## Selected Validation Data



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.



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).