

For Research Use Only

# CoraLite®594-conjugated Calnexin Polyclonal antibody



Catalog Number: **CL594-10427** **1 Publications**

## Basic Information

<b>Catalog Number:</b> CL594-10427	<b>GenBank Accession Number:</b> BC003552	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 821	<b>Recommended Dilutions:</b> IF 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P27824	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> calnexin	
<b>Immunogen Catalog Number:</b> AG0697	<b>Calculated MW:</b> 90 kDa	
	<b>Observed MW:</b> 90 kDa	

## Applications

<b>Tested Applications:</b> FC (Intra), IF/ICC	<b>Positive Controls:</b> IF : HepG2 cells,
<b>Cited Applications:</b> IF	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Chunli Tan	33508878	Mol Oncol	IF

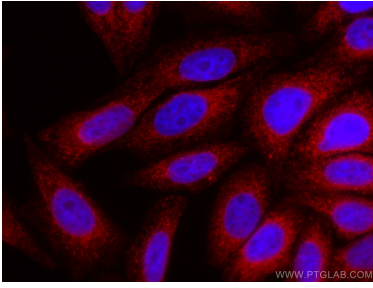
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

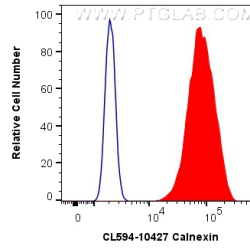
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 Calnexin antibody (CL594-10427) at dilution of 1:400.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human Calnexin (CL594-10427) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).