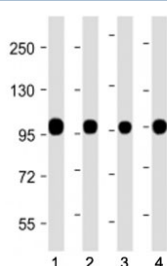


## Calnexin Antibody (C-Terminal Region) (F54096)

Catalog No.	Formulation	Size
F54096-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54096-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P27824
<b>Applications</b>	Western Blot : 1:2000
<b>Limitations</b>	This Calnexin antibody is available for research use only.



Western blot testing of Calnexin antibody at 1:2000: Lane 1) human PANC-1, 2) mouse brain, 3) mouse liver and 4) rat liver lysate. Predicted molecular weight ~68 kDa but routinely observed at ~90 kDa.

## Description

Calnexin is a calcium-binding protein that interacts with newly synthesized glycoproteins in the endoplasmic reticulum. It may act in assisting protein assembly and/or in the retention within the ER of unassembled protein subunits. It seems to play a major role in the quality control apparatus of the ER by the retention of incorrectly folded proteins. Associated with partial T-cell antigen receptor complexes that escape the ER of immature thymocytes, it may function as a signaling complex regulating thymocyte maturation. Additionally it may play a role in receptor-mediated endocytosis at the synapse. [UniProt]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Calnexin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 560-592 from human Calnexin was used as the immunogen for the Calnexin antibody.

## Storage

Aliquot the Calnexin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.