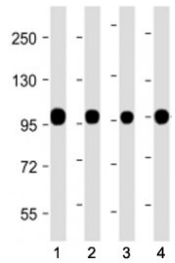
Calnexin Antibody (C-Terminal Region) (F54096)

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

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P27824
Applications	WB: 1:2000
Limitations	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.

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