

Calnexin Rabbit mAb

Catalog No: #52184

Package Size: #52184-1 50ul #52184-2 100ul

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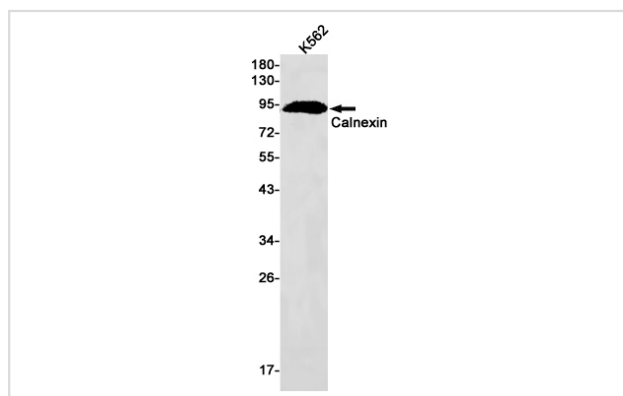
Description

Product Name	Calnexin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-2B1
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human;Rat
Immunogen Description	A synthetic peptide of human Calnexin
Conjugates	Unconjugated
Modification	Unmodification
Other Names	CNX; P90; IP90
Accession No.	Swiss-Prot:P27824GenelD:821
Calculated MW	Calculated MW: 68 kDa; Observed MW: 90 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of Calnexin in K562 cell lysates using Calnexin Rabbit mAb(1:1000 diluted). Predicted band size:68kDa.Observed band size:90kDa.

Background

Swiss-Prot Acc.P27824.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.

Sites	Feature	keyPosition(s)	Description
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Note: This product is for in vitro research use only and is not intended for use in humans or animals.