

## Calnexin protein

<b>Catalog No :</b>	YD0118
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB;SDS-PAGE
<b>Gene Name :</b>	CANX
<b>Protein Name :</b>	Calnexin protein
<b>Sequence :</b>	Amino acid: 19-236, with his-MBP tag.
<b>Human Gene Id :</b>	821
<b>Human Swiss Prot No :</b>	P27824
<b>Mouse Swiss Prot No :</b>	P35564
<b>Formulation :</b>	Liquid in PBS
<b>Source :</b>	E.coli
<b>Dilution :</b>	WB 1:500-2000
<b>Concentration :</b>	SDS-PAGE >90%
<b>Storage Stability :</b>	-20°C/6 month,-80°C for long storage
<b>Background :</b>	function: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.,online information:Calnexin entry,similarity:Belongs to the calreticulin family.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,
<b>Function :</b>	protein folding, protein localization, protein secretion, protein transport, secretion by cell, establishment of protein localization, secretion,

**Subcellular Location :**

Endoplasmic reticulum membrane ; Single-pass type I membrane protein . Endoplasmic reticulum . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:12643545, PubMed:17081065). The palmitoylated form preferentially localizes to the perinuclear rough ER (PubMed:22314232) .

**Sort :**

3066

**Host :**

Rabbit

## Products Images

