



Rabbit Anti-CANX monoclonal antibody, clone TO31-65 (CABT-L763)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Calnexin
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Clone	TO31-65
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, FC
Molecular Weight	90 kDa
Cellular Localization	Endoplasmic reticulum membrane, Endoplasmic reticulum, Melanosome.
Positive Control	PANC-1, Hela, HepG2, rat kidney tissue, rat heart tissue, human kidney tissue, rat pancreas tissue, human pancreas tissue, human liver cancer tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Warnings	For research use only

BACKGROUND

Introduction Calnexin and Calregulin (also called calreticulin) are calcium-binding proteins that are localized

to the endoplasmic reticulum, Calnexin to the membrane and Calregulin to the lumen. Calnexin is a type I membrane protein that interacts with newly synthesized glycoproteins in the endoplasmic reticulum. It may play a role in assisting with protein assembly and in retaining unassembled protein subunits in the endoplasmic reticulum. Calregulin has both low- and high-affinity calcium-binding sites. Neither Calnexin nor Calregulin contains the calcium-binding "E-F hand" motif found in calmodulins. Calnexin and Calregulin are important for the maturation of glycoproteins in the endoplasmic reticulum and appear to bind many of the same proteins.

Keywords

Calnexin;CALX_HUMAN;CANX;CNX;FLJ26570;Histocompatibility complex class I antigen binding protein p88;IP90;Major histocompatibility complex class I antigen-binding protein p88;p90 antibody

GENE INFORMATION

Entrez Gene ID [3682](#)
