



# 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

<b>Target</b>	Calnexin
<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Rat
<b>Clone</b>	TO31-65
<b>Purification</b>	Protein A purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF, IHC, FC
<b>Molecular Weight</b>	90 kDa
<b>Cellular Localization</b>	Endoplasmic reticulum membrane, Endoplasmic reticulum, Melanosome.
<b>Positive Control</b>	PANC-1, Hela, HepG2, rat kidney tissue, rat heart tissue, human kidney tissue, rat pancreas tissue, human pancreas tissue, human liver cancer tissue.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

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<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	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

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## GENE INFORMATION

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Entrez Gene ID	<a href="#">3682</a>
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