

Datasheet for ABIN7425800
anti-Calnexin antibody (AA 239-461)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Calnexin (CANX)
Binding Specificity:	AA 239-461
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Calnexin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Calnexin (CNX)
Immunogen:	Recombinant Calnexin (CNX) corresponding to Thr239~Ala461 with N-terminal His and GST Tag
Clone:	C3
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CNX. It has been selected for its ability to recognize CNX in immunohistochemical staining and western blotting.
Cross-Reactivity:	Cow, Goat, Mouse, Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

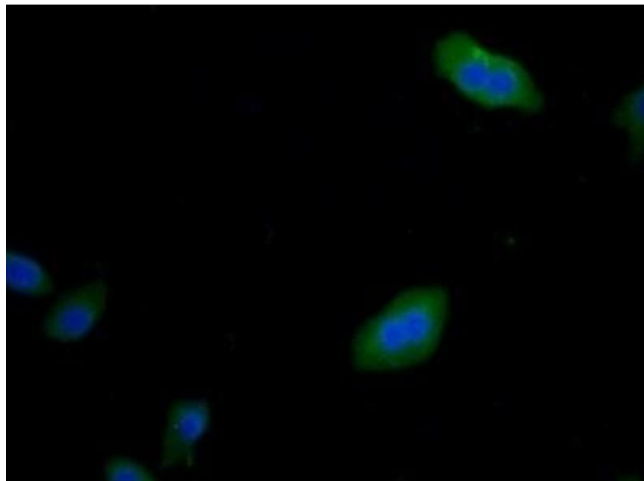
Target:	Calnexin (CANX)
Alternative Name:	Calnexin (CANX Products)
Background:	CANX, CNX, IP90, P90, Major Histocompatibility Complex Class I Antigen-Binding Protein p88
Pathways:	MAPK Signaling , Thyroid Hormone Synthesis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

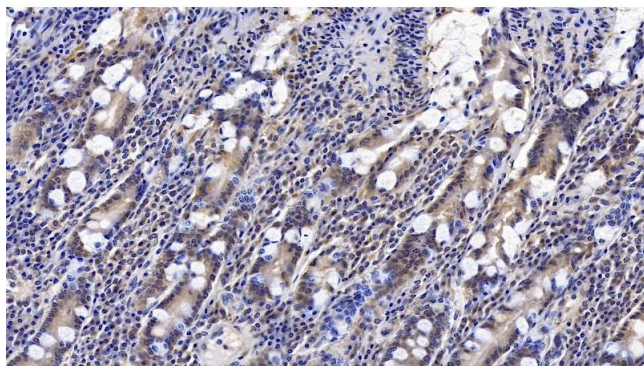
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



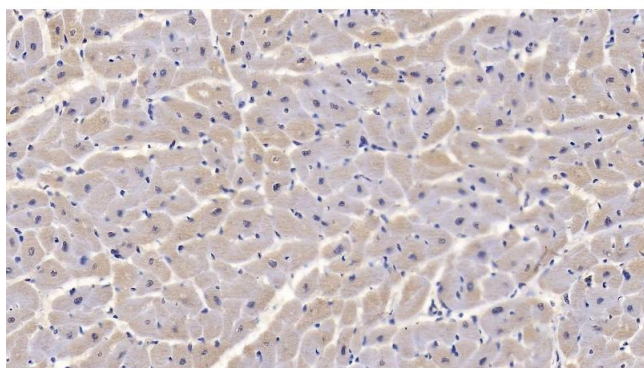
Immunohistochemistry

Image 1. Detection of CNX in Human HepG2 Cells using Monoclonal Antibody to Calnexin (CNX)



Immunohistochemistry

Image 2. Detection of CNX in Human Small intestine Tissue using Monoclonal Antibody to Calnexin (CNX)



Immunohistochemistry

Image 3. Detection of CNX in Human Cardiac Muscle Tissue using Monoclonal Antibody to Calnexin (CNX)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7425800.