Product Data Sheet

Catalogue No.	Qty:
AB37650-100	250 µg

Anti-CANX, DyLight®650

Source: Goat

General description: Goat polyclonal to CANX (Calnexin) - endoplasmic reticulum (ER) membrane marker conjugated to DyLight® 650. CANX is a member of the calnexin family of molecular chaperones. This protein is a calcium-binding, ER-associated protein that interacts transiently with newly synthesized N-linked glycoproteins, facilitating protein folding and assembly. It may also play a central role in the quality control of protein folding by retaining incorrectly folded protein subunits within the ER for degradation.

Alternative names: Calnexin, CALX, CNX, FLJ26570, histocompatibility complex class I antigen binding protein p88, IP90, major histocompatibility complex class I antigen-binding protein p88, MS952, P90 antibody.

Form: Polyclonal antibody supplied as a 100 µl (2.5 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide within residues 550 aa to the C-terminus of human CANX produced in E. coli.

Specificity: Detects a band of 90 kDa by Western blot whole cell lysates.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF
Human	+++	+++	ND	+++
Rat	+++	+++	ND	+++
Mouse	+++	+++	ND	+++
Canine	+++	+++	ND	+++
Monkey	+++	+++	ND	+++

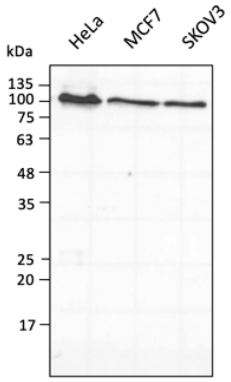
+++ excellent, ++ good, + poor, ND not determined

Usage:

WB:	1:500-1:5,000
IHC (F):	1:200-1:1,000
IF:	1:50-1:500

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles..



Anti-CANX Ab conjugated to DyLight@650 at 1/2,000 dilution using cell lysates at 40 µg per lane;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.