

Datasheet for ABIN7146508

anti-Calnexin antibody (AA 265-469)[Go to Product page](#)**4** Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | Calnexin (CANX) |
| Binding Specificity: | AA 265-469 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Calnexin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human Calnexin protein (265-469AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|---|
| Target: | Calnexin (CANX) |
| Alternative Name: | CANX (CANX Products) |
| Background: | Background: 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 |

Target Details

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. Associated with partial T-cell antigen receptor complexes that escape the ER of immature thymocytes, it may function as a signaling complex regulating thymocyte maturation. Additionally it may play a role in receptor-mediated endocytosis at the synapse.

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

UniProt: [P27824](#)

Pathways: [MAPK Signaling](#), [Thyroid Hormone Synthesis](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

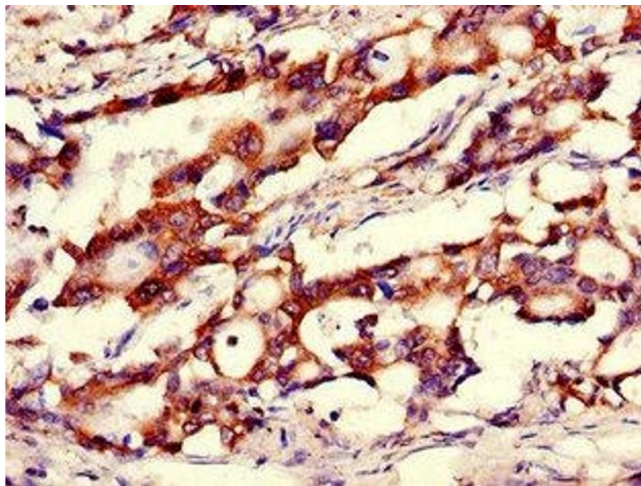
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

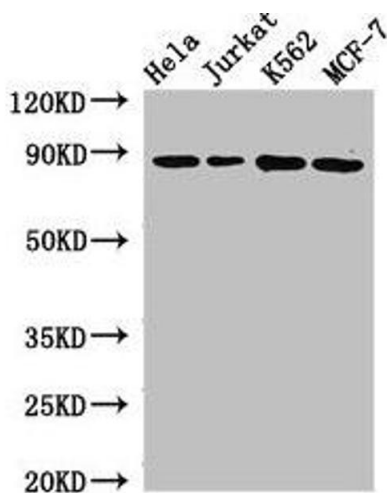
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



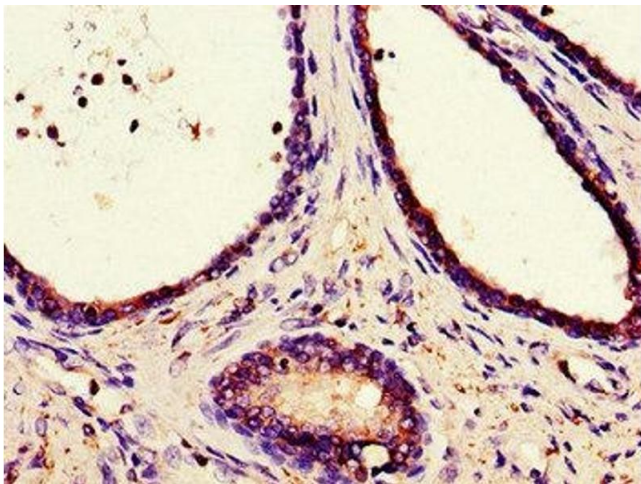
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7146508 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, Jurkat whole cell lysate, K562 whole cell lysate, MCF-7 whole cell lysate All lanes: CANX antibody at 2.7 μ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 68, 72, 56 kDa Observed band size: 88 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human prostate cancer using ABIN7146508 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7146508.