

Product Datasheet

Calnexin Antibody



Catalog No: CY5839

Reactivity: Human Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC

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Information

UniProt ID: P27824

All Names: Calnexin; CANX; CNX; IP90; Major histocompatibility complex class I antigen-binding protein p88; p90;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 90 kDa

Application

WB 1:1000~1:2000

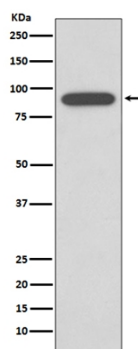
IHC 1:100~1:500

ICC/IF 1:50~1:200

FC 1:100

Background

Calnexin is a calcium-binding protein embedded in the ER membrane that retains the newly synthesized glycoproteins inside the ER to ensure proper folding and quality control (3-5). The specificity of calnexin for a subset of glycoproteins is defined by a lectin site, which binds an early oligosaccharide intermediate on the folding glycoprotein.



Western blot analysis of Calnexin expression in HepG2 cell lysate.

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