

Product Datasheet

CALR Antibody

Catalog No: AY1473

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC, ICC/IF



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Information

UniProt ID: P27797

All Names: CALR, CRP55, CRTC, Calreticulin precursor, ERp60, HACBP, grp60

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.: 48 KD

Application

WB 1:500~1:1000

IHC: 1:50~1:200

IF/ICC 1:100-1:500

Background

Calcium is a universal signaling molecule involved in many cellular functions such as cell motility, metabolism, protein modification, protein folding and apoptosis. Calcium is stored in the endoplasmic reticulum (ER), where it is buffered by calcium binding chaperones such as calnexin and calreticulin, and is released via the IP3 Receptor.

Western blot analysis of extracts from COS-7 cells, using CALR antibody.

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