BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-CALR Antibody (Center)

Catalog Number: M00894-1

About CALR

Calcium-binding chaperone that promotes folding, oligomeric assembly and quality control in the endoplasmic reticulum (ER) via the calreticulin/calnexin cycle. This lectin interacts transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER. Interacts with the DNA-binding domain of NR3C1 and mediates its nuclear export. Involved in maternal gene expression regulation. May participate in oocyte maturation via the regulation of calcium homeostasis (By similarity).

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Overview

Product Name	Anti-CALR Antibody (Center)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CALR Antibody (Center) (Catalog # M00894-1). Tested in WB application(s). This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Monoclonal 2143CT58.2.1
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P27797

Technical Details

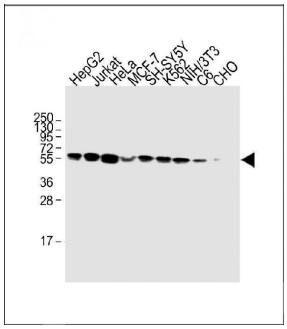
Immunogen	This CALR antibody is generated from a mouse immunized with a recombinant protein from human CALR.
Predicted Reactive Species	Human
Isotype	IgG1,kappa

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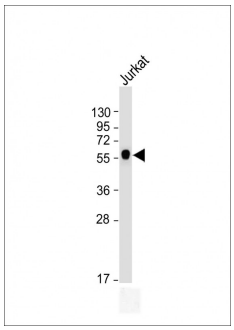
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:500 Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

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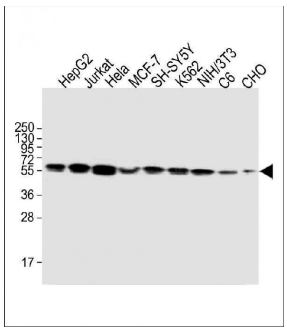
Anti-CALR Antibody (Center) (M00894-1) Images



All lanes : Anti-CALR Antibody (Center) at 1:2000 dilutionLane 1: HepG2 whole cell lysateLane 2: Jurkat whole cell lysateLane 3: HeLa whole cell lysateLane 4: MCF-7 whole cell lysateLane 5: SH-SY5Y whole cell lysateLane 6: K562 whole cell lysateLane 7: NIH/3T3 whole cell lysate Lane 8: C6 whole cell lysate Lane 9: CHO whole cell lysate Lysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 55 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Anti-CALR Antibody (Center) at dilution + Jurkat whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-CALR Antibody (Center) at dilutionLane 1:HepG2 whole cell lysateLane 2: Jurkat whole cell lysateLane 3: Hela whole cell lysateLane 4: MCF-7 whole cell lysateLane 5: SH-SY5Y whole cell lysateLane 6: K562 whole cell lysate Lane 7: NIH/3T3 whole cell lysate Lane 8: C6 whole cell lysateLane 9: CHO whole cell lysat Lysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-CALR Antibody (Center)

For Research Use Only. Not for use in diagnostic procedures.