

Mouse CALR Monoclonal Antibody | anti-CALR antibody

CALR Antibody (Center)

CATALOG # AAA290963	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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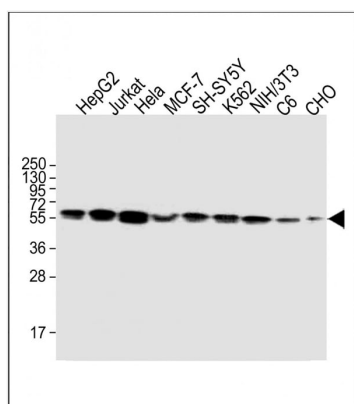
PRODUCT SYNONYMS

CALR; Monoclonal Antibody; CALR Antibody (Center); Purified Mouse Monoclonal Antibody (Mab); Calreticulin; CRP55; Calregulin; Endoplasmic reticulum resident protein 60; ERp60; HACBP; grp60; CALR ([HGNC:1455](#)); CRTC; anti-CALR antibody

PRODUCT SPECIFICATIONS

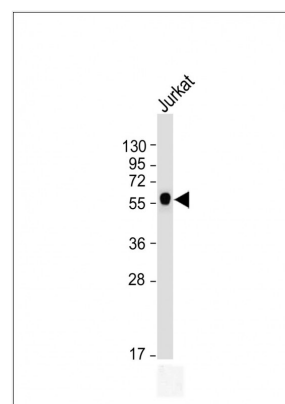
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1,kappa
Clone Number	2143CT58.2.1
Specificity	This CALR antibody is generated from a mouse immunized with a recombinant protein from human CALR.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Applicable Applications for anti-CALR antibody	WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



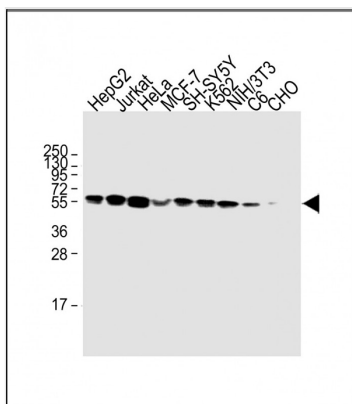
WB (Western Blot)

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



WB (Western Blot)

Anti-CALR Antibody (Center) at dilution + Jurkat whole cell lysate
Lysates/proteins at 20 ug per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-CALR antibody	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).
Product Categories/Family for anti-CALR antibody	Crown Antibodies; Primary Antibodies; Signal Transduction
References	McCauliffe D.P.,et al.J. Clin. Invest. 85:1379-1391(1990).Rokeach L.A.,et al.J. Immunol. 147:3031-3039(1991).McCauliffe D.P.,et al.J. Biol. Chem. 267:2557-2562(1992).Liu J.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.Goshima N.,et al.Nat. Methods 5:1011-1017(2008).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757900
NCBI GeneID	811
NCBI Accession #	NP_004334.1
NCBI GenBank Nucleotide #	NM_004343.3
UniProt Accession #	P27797; Q6IAT4; Q9UDG2
Molecular Weight	48,142 Da
NCBI Official Full Name	calreticulin
NCBI Official Synonym Full Names	calreticulin
NCBI Official Symbol	CALR
NCBI Official Synonym Symbols	RO; CRT; SSA; cC1qR
NCBI Protein Information	calreticulin; CRP55; ERp60; HACBP; grp60; calregulin; endoplasmic reticulum resident protein 60; Sicca syndrome antigen A (autoantigen Ro; calreticulin)
UniProt Protein Name	Calreticulin
UniProt Gene Name	CALR

UniProt Synonym Gene Names	CRTC; ERp60
UniProt Entry Name	CALR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/calr-antibody-clone-2143ct58-2-1-western-blot-elisa/290963>