

Rabbit CALR Polyclonal Antibody | anti-CALR antibody

CALR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286884	Rabbit	Human, mouse, rat	Immunohistochemistry, Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

CALR; Polyclonal Antibody; CALR Antibody; Calreticulin; CRP55; Calregulin; Endoplasmic reticulum resident protein 60; ERp60; HACBP; grp60; CRTC; anti-CALR antibody

PRODUCT SPECIFICATIONS

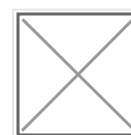
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	49-78
Sequence Length	417
Applicable Applications for anti-CALR antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



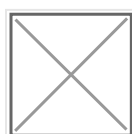
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using CALR antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells, using CALR antibody.



WB (Western Blot)

Western blot analysis of lysates from Hela,SH-SY5Y cell line (from left to right),using CALR Antibody(C10495). C10495 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.

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	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/DBJ 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	48142
NCBI Official Full Name	calreticulin
NCBI Official Synonym Full Names	calreticulin
NCBI Official Symbol	CALR
NCBI Official Synonym Symbols	RO; CRT; SSA; cC1qR; HEL-S-99n
NCBI Protein Information	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://stage.aaabiotech.com/polyclonal/calr-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/286884>