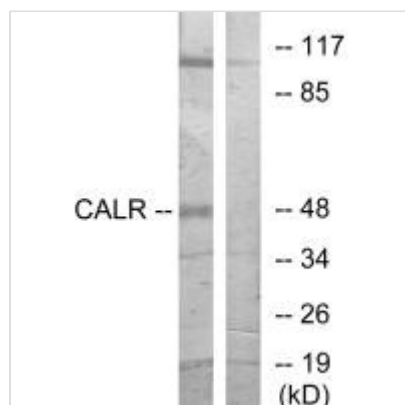




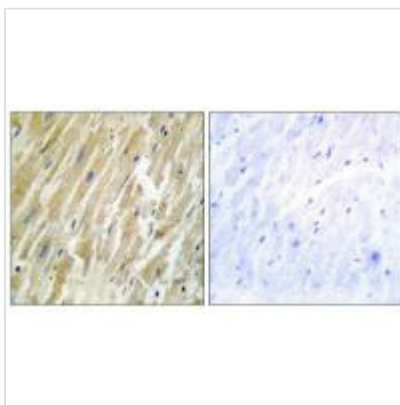
CALR Antibody

Product Code	CSB-PA162228
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P27797
Immunogen	Synthesized peptide derived from internal of Human CALR.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total CALR protein.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:3000,IHC:1:50-1:100,IF:1:100-1:500
Relevance	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. McCauliffe D.P., J. Clin. Invest. 85:1379-1391(1990). Rokeach L.A., J. Immunol. 147:3031-3039(1991). McCauliffe D.P., J. Biol. Chem. 267:2557-2562(1992).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	CALR; CRP55; CRTC; Calreticulin precursor; ERp60
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CALR

Image



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



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



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