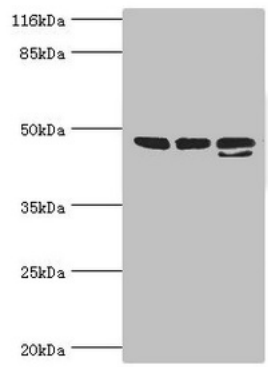
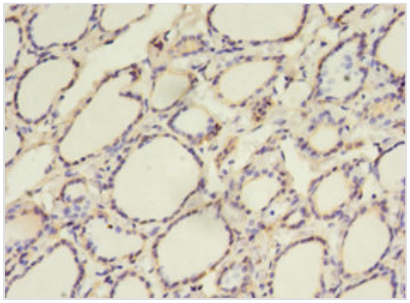
CALR Antibody

Product Code	CSB-PA07867A0Rb
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P27797
Immunogen	Recombinant Human Calreticulin protein (18-417AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200
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).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Calreticulin (CRP55) (Calregulin) (Endoplasmic reticulum resident protein 60) (ERp60) (HACBP) (grp60), CALR, CRTC
Species	Human
Research Area	Tags & Cell Markers
Target Names	CALR

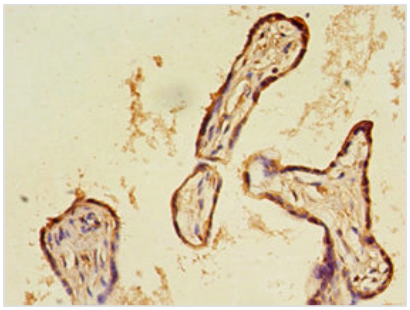
Image



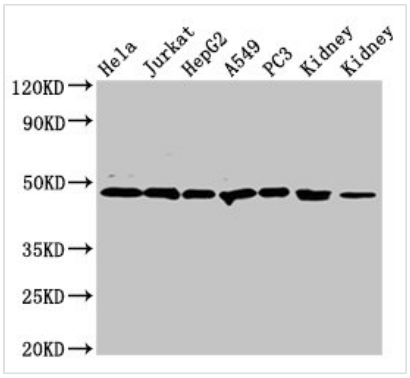
Western blot
All lanes: CALR antibody at 2µg/ml
Lane 1: NIH/3T3 whole cell lysate
Lane 2: COLO320 whole cell lysate
Lane 3: Hela whole cell lysate
Secondary
Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 48 kDa
Observed band size: 48 kDa



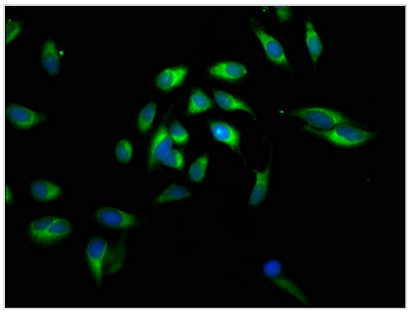
Immunohistochemistry of paraffin-embedded human thyroid tissue using CSB-PA07867A0Rb at dilution of 1:100



Immunohistochemistry of paraffin-embedded human placenta tissue using CSB-PA07867A0Rb at dilution of 1:100



Western Blot
Positive WB detected in:Hela whole cell lysate, Jurkat whole cell lysate, HepG2 whole cell lysate, A549 whole cell lysate, PC-3 whole cell lysate, Rat kidney tissue, Mouse kidney tissue
All lanes:CALR antibody at 2µg/ml
Secondary
Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 49 kDa
Observed band size: 49 kDa



Immunofluorescent analysis of Hela cells using CSB-PA07867A0Rb at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)