antibodies .- online.com







anti-Calreticulin antibody (N-Term)



Images



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Quantity:	100 μL
Target:	Calreticulin (CALR)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calreticulin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Draduat Dataila	

Product Details

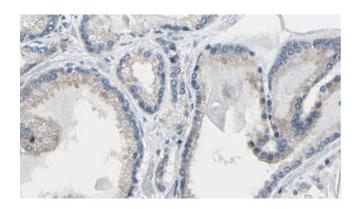
Immunogen:	A synthesized peptide derived from human CALR, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	CALR Antibody detects endogenous levels of total CALR.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Calreticulin (CALR)	

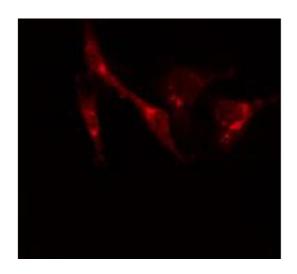
Target Details

Alternative Name:	CALR (CALR Products)
Background:	Description: 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.
	In the Ex. Interacts with the DNA-binding domain of NRSC rand mediates its nuclear export. Involved in maternal gene expression regulation. May participate in oocyte maturation via the
	regulation of calcium homeostasis (By similarity).
	Gene: CALR
Molecular Weight:	48 kDa
Wolecular Weight.	40 KDd
Gene ID:	811
UniProt:	P27797
Pathways:	Retinoic Acid Receptor Signaling Pathway, Intracellular Steroid Hormone Receptor Signaling
	Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Nuclear Hormone
	Receptor Binding, ER-Nucleus Signaling, Unfolded Protein Response
Application Details	
Application Notes:	WB 1:500-1:1000, IHC: 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
	glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



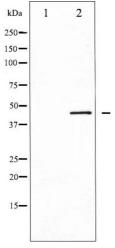
Immunohistochemistry

Image 1. ABIN6274218 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Immunofluorescence (fixed cells)

Image 2. ABIN6274218 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.



Western Blotting

Image 3. Western blot analysis of extracts from COS-7 cells, using CALR antibody. The lane on the left is treated with the antigen-specific peptide.

Please check the product details page for more images. Overall 5 images are available for ABIN6256980.