

Datasheet for ABIN7146571

anti-Calreticulin antibody (AA 18-417)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Calreticulin (CALR)
Binding Specificity:	AA 18-417
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calreticulin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Calreticulin protein (18-417AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	Calreticulin (CALR)
Alternative Name:	CALR (CALR Products)
Background:	Background: Molecular calcium-binding chaperone promoting folding, oligomeric assembly and quality control in the ER via the calreticulin/calnexin cycle. This lectin may interact transiently

Target Details

with almost all of the monoglucosylated glycoproteins that are synthesized in the ER (By similarity).

Aliases: Autoantigen RO antibody, CALR antibody, CALR protein antibody, CALR_HUMAN antibody, Calregulin antibody, Calreticulin antibody, cC1qR antibody, CRP55 antibody, CRT antibody, CRTc antibody, Endoplasmic reticulum resident protein 60 antibody, Epididymis secretory sperm binding protein Li 99n antibody, ERp60 antibody, FLJ26680 antibody, grp60 antibody, HACBP antibody, HEL S 99n antibody, RO antibody, Sicca syndrome antigen A (autoantigen Ro, calreticulin) antibody, Sicca syndrome antigen A antibody, SSA antibody

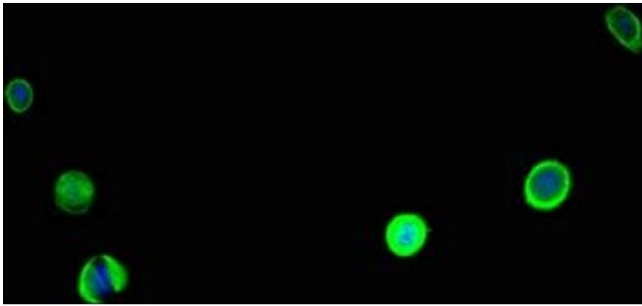
UniProt:	P27797
Pathways:	Retinoic Acid Receptor Signaling Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Nuclear Hormone Receptor Binding , ER-Nucleus Signaling , Unfolded Protein Response

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

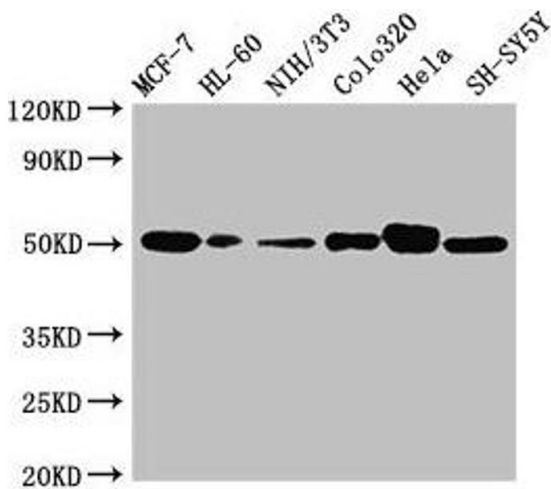
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



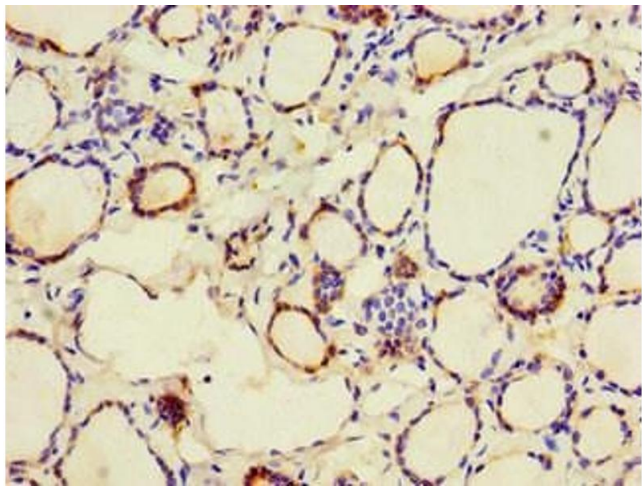
Immunofluorescence

Image 1. Immunofluorescent analysis of MCF-7 cells using ABIN7146571 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: MCF-7 whole cell lysate, HL60 whole cell lysate, NIH/3T3 whole cell lysate, Colo320 whole cell lysate, HeLa whole cell lysate, SH-SY5Y whole cell lysate All lanes: CALR antibody at 2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 49 kDa Observed band size: 49 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human thyroid tissue using ABIN7146571 at dilution of 1:100