

Datasheet for ABIN7146563

anti-Calreticulin antibody (AA 18-415)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µg
Target:	Calreticulin (CALR)
Binding Specificity:	AA 18-415
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calreticulin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Calreticulin protein (18-415AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Calreticulin (CALR)
Alternative Name:	CALR (CALR Products)
Background:	Background: Calreticulin 3 is a calcium binding chaperone which promotes folding, oligomeric assembly and quality control in the ER via the calreticulin/calnexin cycle. This lectin may

Target Details

interact transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER.

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,

Restrictions: For Research Use only

Handling

Format: Liquid

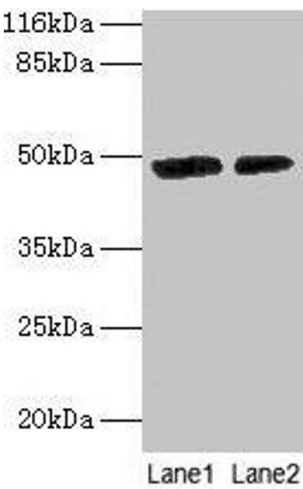
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

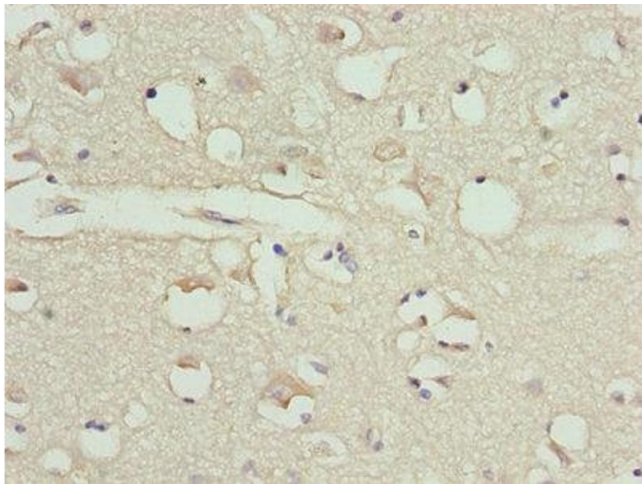
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



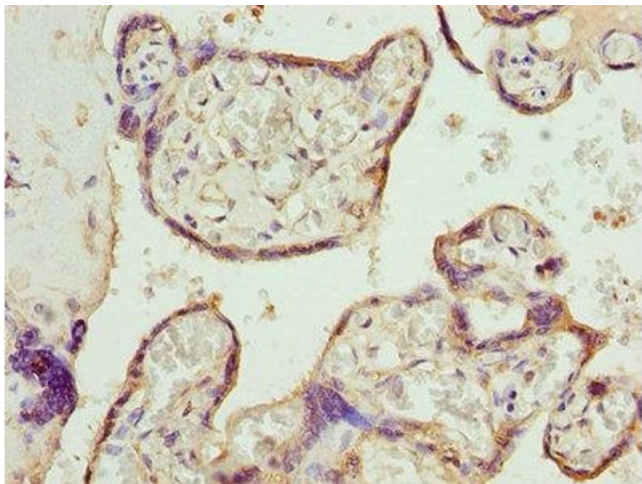
Western Blotting

Image 1. Western blot All lanes: CALR antibody at 2 µg/mL
Lane 1: EC109 whole cell lysate Lane 2: 293T whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 49 kDa Observed band size: 49 kDa



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7146563 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7146563 at dilution of 1:100