Calreticulin polyclonal antibody

Calreticulin (CRT) is a multifunctional, multi-compartmental protein most abundant in the ER lumen. CRT contains the ER-retrieval sequence, KDEL, and has been best characterized as a soluble molecular chaperone of new or misfolded proteins and a Ca2+- binding protein. Both CRT and its membrane bound homolog, Calnexin (CNX) interact with proteins and glycoproteins that have monoglucosylated N-glycans. The CRT/CNX cycle promotes correct folding, inhibits aggregation of folding intermediates, blocks premature oligimerization, regulates ER degradation, and provides quality control by preventing incompletely folded glycoproteins from exiting to the Golgi complex.

This antibody is covered by our Worry-Free Guarantee.

Citations: 36 View Online »

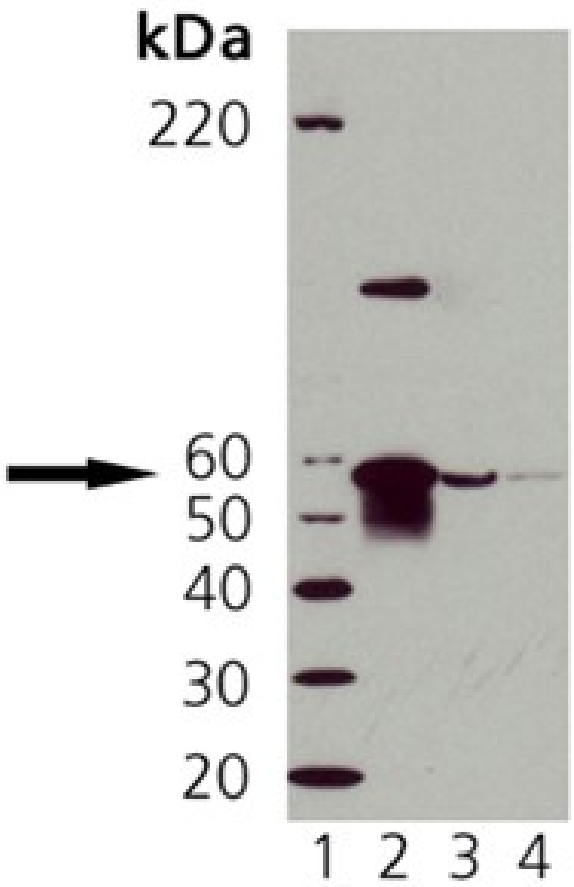
Ordering Information

Order Online »

ADI-SPA-600-D	50µg

Manuals, SDS & CofA

View Online »



Western Blot Analysis of Calreticulin: Lane 1: MWM, Lane 2: HeLa cell lysate, Lane 3: PC-12 cell lysate. Lane 4: 3T3 cell lysate

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	CALR, CRT
Application	ICC, IHC, IP, WB
Application Notes	Predicted MW of ~63kDa.
Formulation	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
GenBank ID	AD000092
Host	Rabbit
Immunogen	Synthetic peptide corresponding to the sequence near the C-terminus of human Calreticulin.
Purity Detail	Protein A affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:1,000, human; 1:500, mouse; ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Bovine, Dog, Human, Mouse, Rat
UniProt ID	P27797
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.