

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 7, 2025

Calreticulin Polyclonal Antibody

RRID:AB_325990

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# PA3-900, RRID:AB_325990)

Antibody Information

URL: http://antibodyregistry.org/AB_325990

Proper Citation: (Thermo Fisher Scientific Cat# PA3-900, RRID:AB_325990)

Target Antigen: Calreticulin

Host Organism: rabbit

Clonality: unknown

Comments: Applications: IP (Assay-dependent), WB (1:1,000), Flow (Assay-dependent), ICC/IF (1:50 - 1:200), IHC (Assay-dependent)

Antibody Name: Calreticulin Polyclonal Antibody

Description: This unknown targets Calreticulin

Target Organism: Human, Rat, Rabbit, Canine, Mouse, Non-human primate

Defining Citation:

[PMID:15817475](#), [PMID:9177196](#), [PMID:9603915](#), [PMID:12925673](#), [PMID:12623072](#),
[PMID:17916189](#), [PMID:20602234](#), [PMID:16371348](#), [PMID:22275436](#), [PMID:16763195](#),
[PMID:12576309](#), [PMID:16413046](#), [PMID:20329788](#), [PMID:10523294](#), [PMID:11076813](#),
[PMID:15642667](#), [PMID:20716130](#), [PMID:16162177](#), [PMID:12724309](#), [PMID:26984393](#),
[PMID:9726972](#), [PMID:26911136](#), [PMID:14982621](#), [PMID:20373350](#), [PMID:11765911](#),
[PMID:14695312](#), [PMID:10848620](#), [PMID:14707143](#), [PMID:9207473](#), [PMID:10770290](#),
[PMID:7671304](#), [PMID:11773418](#), [PMID:23259067](#), [PMID:15723043](#), [PMID:10819770](#),
[PMID:15880113](#), [PMID:8841889](#), [PMID:14600259](#), [PMID:8670797](#), [PMID:19524036](#),
[PMID:15028751](#), [PMID:14512551](#), [PMID:8534914](#), [PMID:16267022](#), [PMID:15632133](#),
[PMID:24523293](#), [PMID:26221024](#), [PMID:19851281](#), [PMID:15016804](#), [PMID:12239314](#),
[PMID:21784858](#), [PMID:15056662](#), [PMID:11504768](#), [PMID:10964924](#), [PMID:20186508](#),
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[PMID:9278423](#), [PMID:19428451](#), [PMID:10358038](#), [PMID:10749940](#), [PMID:21099366](#),
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[PMID:10823941](#), [PMID:23213406](#), [PMID:26420867](#), [PMID:20875659](#), [PMID:17050739](#),
[PMID:15042411](#), [PMID:18228515](#), [PMID:28092744](#), [PMID:7608143](#), [PMID:22264511](#),
[PMID:21590275](#), [PMID:20100836](#), [PMID:12560339](#), [PMID:15520448](#), [PMID:11574661](#),
[PMID:15861135](#), [PMID:11726550](#), [PMID:9513044](#), [PMID:21084834](#), [PMID:9722609](#),
[PMID:12181335](#), [PMID:14702339](#), [PMID:10771106](#), [PMID:9038191](#), [PMID:11557531](#),
[PMID:15126634](#), [PMID:9493142](#), [PMID:8943049](#), [PMID:21359144](#), [PMID:14654788](#),
[PMID:21859719](#), [PMID:8810299](#), [PMID:15893733](#), [PMID:25559081](#), [PMID:21093099](#),
[PMID:22844112](#), [PMID:25355890](#), [PMID:19701894](#), [PMID:12646049](#), [PMID:14508489](#),
[PMID:13129915](#), [PMID:15289361](#), [PMID:18650385](#), [PMID:19476550](#), [PMID:11891802](#)

Antibody ID: AB_325990

Vendor: Thermo Fisher Scientific

Catalog Number: PA3-900

Record Creation Time: 20241130T060329+0000

Record Last Update: 20241130T060608+0000

Ratings and Alerts

No rating or validation information has been found for Calreticulin Polyclonal Antibody.

No alerts have been found for Calreticulin Polyclonal Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Zhu Y, et al. (2024) Cross-link assisted spatial proteomics to map sub-organelle proteomes and membrane protein topologies. *Nature communications*, 15(1), 3290.

Muthukumar G, et al. (2024) Triaging of α -helical proteins to the mitochondrial outer membrane by distinct chaperone machinery based on substrate topology. *Molecular cell*, 84(6), 1101.

Yamine KM, et al. (2024) ER procollagen storage defect without coupled unfolded protein response drives precocious arthritis. *Life science alliance*, 7(9).

Yamine KM, et al. (2024) ER procollagen storage defect without coupled unfolded protein response drives precocious arthritis. *bioRxiv : the preprint server for biology*.

Raby A, et al. (2024) Spastin regulates ER-mitochondrial contact sites and mitochondrial homeostasis. *iScience*, 27(9), 110683.

Shiga Y, et al. (2024) Endoplasmic reticulum stress-related deficits in calcium clearance promote neuronal dysfunction that is prevented by SERCA2 gene augmentation. *Cell reports. Medicine*, 5(12), 101839.

Eisa NH, et al. (2023) Enniatin A inhibits the chaperone Hsp90 and unleashes the immune system against triple-negative breast cancer. *iScience*, 26(12), 108308.

Mozzi A, et al. (2023) SARS-CoV-2 ORF3c impairs mitochondrial respiratory metabolism, oxidative stress, and autophagic flux. *iScience*, 26(7), 107118.

Wang L, et al. (2023) SAYSD1 senses UFMylated ribosome to safeguard co-translational protein translocation at the endoplasmic reticulum. *Cell reports*, 42(1), 112028.

Hatstat AK, et al. (2021) Characterization of Small-Molecule-Induced Changes in Parkinson's-Related Trafficking via the Nedd4 Ubiquitin Signaling Cascade. *Cell chemical biology*, 28(1), 14.

Mohr L, et al. (2021) ER-directed TREX1 limits cGAS activation at micronuclei. *Molecular cell*, 81(4), 724.

Kuijpers M, et al. (2021) Neuronal Autophagy Regulates Presynaptic Neurotransmission by Controlling the Axonal Endoplasmic Reticulum. *Neuron*, 109(2), 299.

Coukos R, et al. (2021) An engineered transcriptional reporter of protein localization identifies regulators of mitochondrial and ER membrane protein trafficking in high-throughput CRISPRi screens. *eLife*, 10.

Herranen A, et al. (2020) Deficiency of the ER-stress-regulator MANF triggers progressive outer hair cell death and hearing loss. *Cell death & disease*, 11(2), 100.

Yarzabek B, et al. (2018) Variations in HLA-B cell surface expression, half-life and extracellular antigen receptivity. *eLife*, 7.

Matsumoto S, et al. (2016) Motor Nerve Arborization Requires Proteolytic Domain of Damage-Induced Neuronal Endopeptidase (DINE) during Development. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 36(17), 4744.

Prabhu Y, et al. (2014) Defective transport of the obesity mutant PC1/3 N222D contributes to loss of function. *Endocrinology*, 155(7), 2391.

Hossain MA, et al. (2000) Evidence of $[Ca^{2+}]_i$ elevation by anti-calreticulin immunoreactive protein in neurons. *Neuroscience research*, 36(4), 285.