

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

Calnexin

RRID:AB_397883

Type: Antibody

Proper Citation

BD Biosciences Cat# 610523, RRID:AB_397883

Antibody Information

URL: http://antibodyregistry.org/AB_397883

Proper Citation: BD Biosciences Cat# 610523, RRID:AB_397883

Target Antigen: Calnexin

Host Organism: mouse

Clonality: monoclonal

Comments: Bioimaging, Immunohistochemistry, Immunoprecipitation, Western blot

Antibody Name: Calnexin

Description: This monoclonal targets Calnexin

Target Organism: rat, canine, mouse, dog, human

Antibody ID: AB_397883

Vendor: BD Biosciences

Catalog Number: 610523

Record Creation Time: 20250819T220318+0000

Record Last Update: 20250820T005723+0000

Ratings and Alerts

No rating or validation information has been found for Calnexin.

No alerts have been found for Calnexin.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Chen J, et al. (2025) The ER thioredoxin-related transmembrane protein TMX2 controls redox-mediated tethering of ER-mitochondria contacts. *Cell reports*, 44(11), 116486.

Chiricozzi E, et al. (2025) Metabolic and Structural Consequences of GM3 Synthase Deficiency: Insights from an HEK293-T Knockout Model. *Biomedicines*, 13(4).

Botelho HM, et al. (2025) Global functional genomics reveals GRK5 as a cystic fibrosis therapeutic target synergistic with current modulators. *iScience*, 28(3), 111942.

Fazzari M, et al. (2024) GM1 Oligosaccharide Ameliorates Rett Syndrome Phenotypes In Vitro and In Vivo via Trk Receptor Activation. *International journal of molecular sciences*, 25(21).

Zhao G, et al. (2024) Mitotic ER-mitochondria contact enhances mitochondrial Ca²⁺ influx to promote cell division. *Cell reports*, 43(10), 114794.

Maeda M, et al. (2024) Small GTPase Activity Analyzing (SAIYAN) system: A method to detect GTPase activation in living cells. *The Journal of cell biology*, 223(10).

Manolis D, et al. (2024) Quantitative proteomics reveals CLR interactome in primary human cells. *The Journal of biological chemistry*, 300(6), 107399.

Szentgyörgyi V, et al. (2024) Arf1-dependent LRBA recruitment to Rab4 endosomes is required for endolysosome homeostasis. *The Journal of cell biology*, 223(11).

Sundararaman A, et al. (2020) RhoJ Regulates $\alpha 5 \beta 1$ Integrin Trafficking to Control Fibronectin Remodeling during Angiogenesis. *Current biology : CB*, 30(11), 2146.

Yan P, et al. (2020) Molecular Stressors Engender Protein Connectivity Dysfunction through Aberrant N-Glycosylation of a Chaperone. *Cell reports*, 31(13), 107840.

Sobue A, et al. (2018) Astroglial major histocompatibility complex class I following immune activation leads to behavioral and neuropathological changes. *Glia*, 66(5), 1034.

Zhao YG, et al. (2017) The ER-Localized Transmembrane Protein EPG-3/VMP1 Regulates SERCA Activity to Control ER-Isolation Membrane Contacts for Autophagosome Formation. *Molecular cell*, 67(6), 974.