

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

IP3R-I/II/III Antibody (B-2): sc-377518

RRID:AB_2637028

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-377518, RRID:AB_2637028

Antibody Information

URL: http://antibodyregistry.org/AB_2637028

Proper Citation: Santa Cruz Biotechnology Cat# sc-377518, RRID:AB_2637028

Target Antigen: human IP3R-II, C-terminus 2402-2701

Host Organism: mouse

Clonality: monoclonal

Antibody Name: IP3R-I/II/III Antibody (B-2): sc-377518

Description: This monoclonal targets human IP3R-II, C-terminus 2402-2701

Clone ID: B-2

Antibody ID: AB_2637028

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-377518

Record Creation Time: 20231110T034652+0000

Record Last Update: 20260829T063530+0000

Ratings and Alerts

No rating or validation information has been found for IP3R-I/II/III Antibody (B-2): sc-377518.

No alerts have been found for IP3R-I/II/III Antibody (B-2): sc-377518.

Data and Source Information

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Chen B, et al. (2026) BRD4-mediated ER membrane contact creates functionally distinct mitochondrial subtypes. *Molecular cell*, 86(5), 917.

Hui Y, et al. (2024) O-GlcNAcylation of circadian clock protein Bmal1 impairs cognitive function in diabetic mice. *The EMBO journal*, 43(22), 5667.

Grepper D, et al. (2024) BCL2L13 at endoplasmic reticulum-mitochondria contact sites regulates calcium homeostasis to maintain skeletal muscle function. *iScience*, 27(8), 110510.

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

Li J, et al. (2023) Non-canonical function of DPP4 promotes cognitive impairment through ERp29-associated mitochondrial calcium overload in diabetes. *iScience*, 26(3), 106271.

Che Y, et al. (2023) Bile acids target mitofusin 2 to differentially regulate innate immunity in physiological versus cholestatic conditions. *Cell reports*, 42(1), 112011.

Yuan W, et al. (2022) Intracellular TMEM16A is necessary for myogenesis of skeletal muscle. *iScience*, 25(11), 105446.

Combot Y, et al. (2022) Seipin localizes at endoplasmic-reticulum-mitochondria contact sites to control mitochondrial calcium import and metabolism in adipocytes. *Cell reports*, 38(2), 110213.

Butera G, et al. (2021) Parvalbumin affects skeletal muscle trophism through modulation of mitochondrial calcium uptake. *Cell reports*, 35(5), 109087.

Erustes AG, et al. (2021) Overexpression of α -synuclein inhibits mitochondrial Ca²⁺ trafficking between the endoplasmic reticulum and mitochondria through MAMs by altering the GRP75-IP3R interaction. *Journal of neuroscience research*, 99(11), 2932.