

Resource Summary Report

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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: 20250819T235455+0000

Record Last Update: 20250820T064820+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 9 mentions in open access literature.

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

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.