Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

PGC1 alpha antibody

RRID:AB_881987
Type: Antibody

Proper Citation

(Abcam Cat# ab54481, RRID:AB_881987)

Antibody Information

URL: http://antibodyregistry.org/AB_881987

Proper Citation: (Abcam Cat# ab54481, RRID:AB_881987)

Target Antigen: PGC1 alpha antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Western Blot; ELISA; Immunocytochemistry; ELISA, ICC, WB

Antibody Name: PGC1 alpha antibody

Description: This polyclonal targets PGC1 alpha antibody

Target Organism: mouse, zebrafish/fish, zebrafish, human

Antibody ID: AB_881987

Vendor: Abcam

Catalog Number: ab54481

Record Creation Time: 20231110T075540+0000

Record Last Update: 20241115T013244+0000

Ratings and Alerts

No rating or validation information has been found for PGC1 alpha antibody.

No alerts have been found for PGC1 alpha antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 51 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Debsharma S, et al. (2024) NSAID targets SIRT3 to trigger mitochondrial dysfunction and gastric cancer cell death. iScience, 27(4), 109384.

Li B, et al. (2024) Neural stem cell-derived exosomes promote mitochondrial biogenesis and restore abnormal protein distribution in a mouse model of Alzheimer's disease. Neural regeneration research, 19(7), 1593.

Liang C, et al. (2024) Adipose Kiss1 controls aerobic exercise-related adaptive responses in adipose tissue energy homeostasis. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(13), e23743.

Basten AM, et al. (2023) Early initiation of electrical stimulation paired with range of motion after a volumetric muscle loss injury does not benefit muscle function. Experimental physiology, 108(1), 76.

Misquitta NS, et al. (2023) Combinatorial treatment with exercise and AICAR potentiates the rescue of myotonic dystrophy type 1 mouse muscles in a sex-specific manner. Human molecular genetics, 32(4), 551.

Raymond-Pope CJ, et al. (2023) Restricted physical activity after volumetric muscle loss alters whole-body and local muscle metabolism. The Journal of physiology, 601(4), 743.

Hulett NA, et al. (2023) Sex Differences in the Skeletal Muscle Response to a High Fat, High Sucrose Diet in Rats. Nutrients, 15(20).

Schifino AG, et al. (2023) Resistance wheel running improves contractile strength, but not metabolic capacity, in a murine model of volumetric muscle loss injury. Experimental physiology, 108(10), 1282.

Kanhai AA, et al. (2023) Short salsalate administration affects cell proliferation, metabolism, and inflammation in polycystic kidney disease. iScience, 26(11), 108278.

Cao X, et al. (2022) ACE2 pathway regulates thermogenesis and energy metabolism. eLife,

11.

Zhang LQ, et al. (2022) 5-HT1F Receptor Agonist Ameliorates Mechanical Allodynia in Neuropathic Pain via Induction of Mitochondrial Biogenesis and Suppression of Neuroinflammation. Frontiers in pharmacology, 13, 834570.

Sun C, et al. (2022) Nonenzymatic function of DPP4 in diabetes-associated mitochondrial dysfunction and cognitive impairment. Alzheimer's & dementia : the journal of the Alzheimer's Association, 18(5), 966.

Xie L, et al. (2022) Downregulation of hepatic ceruloplasmin ameliorates NAFLD via SCO1-AMPK-LKB1 complex. Cell reports, 41(3), 111498.

Liu L, et al. (2022) Twist1 downregulation of PGC-1? decreases fatty acid oxidation in tubular epithelial cells, leading to kidney fibrosis. Theranostics, 12(8), 3758.

Suliman HB, et al. (2022) Nuclear respiratory factor-1 negatively regulates TGF-?1 and attenuates pulmonary fibrosis. iScience, 25(1), 103535.

Li Y, et al. (2022) Blockage of citrate export prevents TCA cycle fragmentation via Irg1 inactivation. Cell reports, 38(7), 110391.

Hernández-López R, et al. (2022) Mitochondrial Function Differences between Tumor Tissue of Human Metastatic and Premetastatic CRC. Biology, 11(2).

Wang L, et al. (2022) TOX4, an insulin receptor-independent regulator of hepatic glucose production, is activated in diabetic liver. Cell metabolism, 34(1), 158.

Jiang F, et al. (2022) Circ_0000518 Promotes Macrophage/Microglia M1 Polarization via the FUS/CaMKK?/AMPK Pathway to Aggravate Multiple Sclerosis. Neuroscience, 490, 131.

Yan M, et al. (2022) Cajaninstilbene Acid Ameliorates Acetaminophen-Induced Liver Injury Through Enhancing Sestrin2/AMPK-Mediated Mitochondrial Quality Control. Frontiers in pharmacology, 13, 824138.