

Resource Summary Report

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Rabbit Anti-MnSOD Polyclonal Antibody, Unconjugated

RRID:AB_300434

Type: Antibody

Proper Citation

(Abcam Cat# ab13533, RRID:AB_300434)

Antibody Information

URL: http://antibodyregistry.org/AB_300434

Proper Citation: (Abcam Cat# ab13533, RRID:AB_300434)

Target Antigen: Superoxide Dismutase 2

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunohistochemistry; Immunoprecipitation; Western Blot; ELISA, Immunohistochemistry-Fr, Immunohistochemistry-P, Immunoprecipitation, Western Blot

Antibody Name: Rabbit Anti-MnSOD Polyclonal Antibody, Unconjugated

Description: This polyclonal targets Superoxide Dismutase 2

Target Organism: other, chicken, monkey, rat, hamster, simian, xenopus, porcine, canine, cow, pig, mouse, gerbil, rabbit, bovine, human, dog, sheep

Antibody ID: AB_300434

Vendor: Abcam

Catalog Number: ab13533

Record Creation Time: 20241017T002754+0000

Record Last Update: 20241017T021324+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-MnSOD Polyclonal Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-MnSOD Polyclonal Antibody, Unconjugated.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Affortit C, et al. (2024) The human OPA1delTTAG mutation induces adult onset and progressive auditory neuropathy in mice. Cellular and molecular life sciences : CMLS, 81(1), 80.

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

Khan M, et al. (2022) Neuroprotective effects of Alda-1 mitigate spinal cord injury in mice: involvement of Alda-1-induced ALDH2 activation-mediated suppression of reactive aldehyde mechanisms. Neural regeneration research, 17(1), 185.

Affortit C, et al. (2022) A disease-associated mutation in thyroid hormone receptor $\beta 1$ causes hearing loss and sensory hair cell patterning defects in mice. Science signaling, 15(738), eabj4583.

Thangaraj A, et al. (2021) HIV TAT-mediated microglial senescence: Role of SIRT3-dependent mitochondrial oxidative stress. Redox biology, 40, 101843.

Caielli S, et al. (2021) Erythroid mitochondrial retention triggers myeloid-dependent type I interferon in human SLE. Cell, 184(17), 4464.

Vandenberg GG, et al. (2021) Astrocyte-mediated disruption of ROS homeostasis in Fragile X mouse model. Neurochemistry international, 146, 105036.

Suliman H, et al. (2021) Annexin A1 Tripeptide Mimetic Increases Sirtuin-3 and Augments Mitochondrial Function to Limit Ischemic Kidney Injury. Frontiers in physiology, 12, 683098.

- Flockhart M, et al. (2021) Excessive exercise training causes mitochondrial functional impairment and decreases glucose tolerance in healthy volunteers. *Cell metabolism*, 33(5), 957.
- Naia L, et al. (2021) Mitochondrial SIRT3 confers neuroprotection in Huntington's disease by regulation of oxidative challenges and mitochondrial dynamics. *Free radical biology & medicine*, 163, 163.
- Gratias P, et al. (2021) Impulse Noise Induced Hidden Hearing Loss, Hair Cell Ciliary Changes and Oxidative Stress in Mice. *Antioxidants (Basel, Switzerland)*, 10(12).
- Villarreal-Ponce A, et al. (2020) Keratinocyte-Macrophage Crosstalk by the Nrf2/Ccl2/EGF Signaling Axis Orchestrates Tissue Repair. *Cell reports*, 33(8), 108417.
- Che H, et al. (2020) p16 deficiency attenuates intervertebral disc degeneration by adjusting oxidative stress and nucleus pulposus cell cycle. *eLife*, 9.
- Lozoya OA, et al. (2020) Single Nucleotide Resolution Analysis Reveals Pervasive, Long-Lasting DNA Methylation Changes by Developmental Exposure to a Mitochondrial Toxicant. *Cell reports*, 32(11), 108131.
- Mitchell SJ, et al. (2018) Nicotinamide Improves Aspects of Healthspan, but Not Lifespan, in Mice. *Cell metabolism*, 27(3), 667.
- Abuaita BH, et al. (2018) Mitochondria-Derived Vesicles Deliver Antimicrobial Reactive Oxygen Species to Control Phagosome-Localized *Staphylococcus aureus*. *Cell host & microbe*, 24(5), 625.
- Ganini D, et al. (2018) Switch of Mitochondrial Superoxide Dismutase into a Prooxidant Peroxidase in Manganese-Deficient Cells and Mice. *Cell chemical biology*, 25(4), 413.
- Hancock M, et al. (2018) Myocardial NADPH oxidase-4 regulates the physiological response to acute exercise. *eLife*, 7.
- Song M, et al. (2017) Abrogating Mitochondrial Dynamics in Mouse Hearts Accelerates Mitochondrial Senescence. *Cell metabolism*, 26(6), 872.
- Wang X, et al. (2017) Mitochondrial flashes regulate ATP homeostasis in the heart. *eLife*, 6.