

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

Superoxide Dismutase 1 antibody

RRID:AB_302535

Type: Antibody

Proper Citation

Abcam Cat# ab16831, RRID:AB_302535

Antibody Information

URL: http://antibodyregistry.org/AB_302535

Proper Citation: Abcam Cat# ab16831, RRID:AB_302535

Target Antigen: Superoxide Dismutase 1

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: Superoxide Dismutase 1 antibody

Description: This polyclonal targets Superoxide Dismutase 1

Target Organism: rat, mouse, human

Antibody ID: AB_302535

Vendor: Abcam

Catalog Number: ab16831

Record Creation Time: 20231110T045052+0000

Record Last Update: 20260830T041437+0000

Ratings and Alerts

No rating or validation information has been found for Superoxide Dismutase 1 antibody.

No alerts have been found for Superoxide Dismutase 1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Che Z, et al. (2026) A preclinical candidate of cyclophilin D inhibition improves alcohol-associated liver injury. *Cell reports. Medicine*, 7(3), 102654.

Trushin S, et al. (2026) Discovery and Preclinical Validation of a Clinically Optimized Mitochondrial Complex I Modulator for Alzheimer's Disease. *bioRxiv : the preprint server for biology*.

Rossi M, et al. (2025) Dietary nitrate supplementation mitigates age-related changes at the neuromuscular junction in mice. *The Journal of physiology*.

Drenjančević I, et al. (2025) Variability in flow-induced vasodilation mechanisms in cerebral arteries: the impact of different hyperbaric oxygen protocols. *Medical gas research*, 15(3), 383.

Trushin S, et al. (2025) Therapeutic assessment of a novel mitochondrial complex I inhibitor in in vitro and in vivo models of Alzheimer's disease. *bioRxiv : the preprint server for biology*.

Trushin S, et al. (2025) Therapeutic assessment of a novel mitochondrial complex I inhibitor in in vitro and in vivo models of Alzheimer's disease. *EBioMedicine*, 120, 105924.

Kim A, et al. (2024) Cdk5 inhibition in the SOD1G93A transgenic mouse model of amyotrophic lateral sclerosis suppresses neurodegeneration and extends survival. *Journal of neurochemistry*, 168(9), 2908.

Yamada M, et al. (2024) Muscle-derived IL-1 β regulates EcSOD expression via the NBR1-p62-Nrf2 pathway in muscle during cancer cachexia. *The Journal of physiology*, 602(17), 4215.

Yamada M, et al. (2023) Muscle p62 stimulates the expression of antioxidant proteins alleviating cancer cachexia. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 37(9), e23156.

Olivencia MA, et al. (2023) Oxidized soluble guanylyl cyclase causes erectile dysfunction in alcoholic mice. *British journal of pharmacology*.

Jia L, et al. (2021) Rheb-regulated mitochondrial pyruvate metabolism of Schwann cells linked to axon stability. *Developmental cell*, 56(21), 2980.

Yu R, et al. (2021) Mulberroside A repairs high fructose diet-induced damage of intestinal epithelial and blood-brain barriers in mice: A potential for preventing hippocampal neuroinflammatory injury. *Journal of neurochemistry*, 157(6), 1979.

An D, et al. (2019) Stem cell-derived cranial and spinal motor neurons reveal proteostatic differences between ALS resistant and sensitive motor neurons. *eLife*, 8.

Qian Y, et al. (2018) Purinergic receptor P2Y6 contributes to 1-methyl-4-phenylpyridinium-induced oxidative stress and cell death in neuronal SH-SY5Y cells. *Journal of neuroscience research*, 96(2), 253.