

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

Peroxiredoxin-SO3 antibody

RRID:AB_443491

Type: Antibody

Proper Citation

Abcam Cat# ab16830, RRID:AB_443491

Antibody Information

URL: http://antibodyregistry.org/AB_443491

Proper Citation: Abcam Cat# ab16830, RRID:AB_443491

Target Antigen: Peroxiredoxin-SO3 antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry; Immunofluorescence; Western Blot; Immunocytochemistry; Immunohistochemistry - fixed; ICC/IF, IHC-P, WB

Antibody Name: Peroxiredoxin-SO3 antibody

Description: This polyclonal targets Peroxiredoxin-SO3 antibody

Target Organism: rat, mouse, human

Antibody ID: AB_443491

Vendor: Abcam

Catalog Number: ab16830

Record Creation Time: 20250820T021429+0000

Record Last Update: 20250820T130403+0000

Ratings and Alerts

No rating or validation information has been found for Peroxiredoxin-SO3 antibody.

No alerts have been found for Peroxiredoxin-SO3 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Seisenbacher G, et al. (2025) Redox proteomics reveal a role for peroxiredoxinylation in stress protection. Cell reports, 44(2), 115224.

Chen HR, et al. (2024) MOF-mediated PRDX1 acetylation regulates inflammatory macrophage activation. Cell reports, 43(9), 114682.

Cui S, et al. (2023) Identification of hyperoxidized PRDX3 as a ferroptosis marker reveals ferroptotic damage in chronic liver diseases. Molecular cell, 83(21), 3931.

Xia Q, et al. (2023) Peroxiredoxin 2 is required for the redox mediated adaptation to exercise. Redox biology, 60, 102631.

Hao Y, et al. (2022) Screening compound libraries for H2O2-mediated cancer therapeutics using a peroxiredoxin-based sensor. Cell chemical biology, 29(4), 625.

Sharma A, et al. (2021) Neuroprotective Effects of Fluoxetine on Molecular Markers of Circadian Rhythm, Cognitive Deficits, Oxidative Damage, and Biomarkers of Alzheimer's Disease-Like Pathology Induced under Chronic Constant Light Regime in Wistar Rats. ACS chemical neuroscience, 12(12), 2233.

Hughes CE, et al. (2020) Cysteine Toxicity Drives Age-Related Mitochondrial Decline by Altering Iron Homeostasis. Cell, 180(2), 296.

Kim T, et al. (2019) SRXN1 Is Necessary for Resolution of GnRH-Induced Oxidative Stress and Induction of Gonadotropin Gene Expression. Endocrinology, 160(11), 2543.

Wagner PM, et al. (2019) Proliferative Glioblastoma Cancer Cells Exhibit Persisting Temporal Control of Metabolism and Display Differential Temporal Drug Susceptibility in Chemotherapy. Molecular neurobiology, 56(2), 1276.