

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

Anti-SOD2/MnSOD (acetyl K68) antibody [EPVANR2]

RRID:AB_2784527

Type: Antibody

Proper Citation

Abcam Cat# ab137037, RRID:AB_2784527

Antibody Information

URL: http://antibodyregistry.org/AB_2784527

Proper Citation: Abcam Cat# ab137037, RRID:AB_2784527

Target Antigen: SOD2/MnSOD (acetyl K68)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: IP, IHC-P, WB, Dot blot

Antibody Name: Anti-SOD2/MnSOD (acetyl K68) antibody [EPVANR2]

Description: This monoclonal targets SOD2/MnSOD (acetyl K68)

Target Organism: rat, mouse, human

Clone ID: EPVANR2

Antibody ID: AB_2784527

Vendor: Abcam

Catalog Number: ab137037

Record Creation Time: 20231110T032951+0000

Record Last Update: 20260829T152106+0000

Ratings and Alerts

No rating or validation information has been found for Anti-SOD2/MnSOD (acetyl K68) antibody [EPVANR2].

No alerts have been found for Anti-SOD2/MnSOD (acetyl K68) antibody [EPVANR2].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Wei SJ, et al. (2025) Divergent sex-specific effects on a ketogenic diet: Male, but not female, mice exhibit oxidative stress and cellular senescence. Cell reports, 44(8), 116026.

Ibrahim NK, et al. (2025) SOD2 is a regulator of proteasomal degradation promoting an adaptive cellular starvation response. Cell reports, 44(4), 115434.

Fu H, et al. (2025) Superoxide dismutase promotes gastric tumorigenesis mediated by Helicobacter pylori and enhances resistance to 5-fluorouracil in gastric cancer. iScience, 28(2), 111553.

Alabarse PG, et al. (2024) The NADase CD38 is a central regulator in gouty inflammation and a novel druggable therapeutic target. Inflammation research : official journal of the European Histamine Research Society ... [et al.].

Lin YT, et al. (2024) Targeting acetylated high mobility group box 1 protein (HMGB1) and toll-like receptor (TLR4) interaction to alleviate hypertension and neuroinflammation in fructose-fed rats. British journal of pharmacology.

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

Garcia Castro DR, et al. (2023) Increased SIRT3 combined with PARP inhibition rescues motor function of SBMA mice. iScience, 26(8), 107375.

Machihara K, et al. (2023) Restoration of mitochondrial function by Spirulina polysaccharide via upregulated SOD2 in aging fibroblasts. iScience, 26(7), 107113.

Hostrup M, et al. (2022) High-intensity interval training remodels the proteome and acetylome of human skeletal muscle. eLife, 11.

Lauritzen KH, et al. (2021) Instability in NAD⁺ metabolism leads to impaired cardiac mitochondrial function and communication. eLife, 10.

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.

Gaya-Bover A, et al. (2020) Antioxidant enzymes change in different non-metastatic stages in tumoral and peritumoral tissues of colorectal cancer. The international journal of biochemistry & cell biology, 120, 105698.