

Resource Summary Report

Generated by [RRID](#) on Aug 13, 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: 20250819T233926+0000

Record Last Update: 20250820T060050+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 [RRID](#) .

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.