

Resource Summary Report

Generated by RRID on Jul 30, 2026

Cu/Zn SOD, pAb

RRID:AB 10616253

Type: Antibody

Proper Citation

Enzo Life Sciences Cat# ADI-SOD-100, RRID:AB_10616253

Antibody Information

URL: http://antibodyregistry.org/AB_10616253

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Target Antigen: Cu/Zn SOD pAb

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: Immunofluorescence, Immunohistochemistry, Western Blot, Immunofluorescence

Immunohistochemistry (paraffin sections)

Immunoprecipitation

Western Blot (1:1000, ECL)

Optimal conditions must be determined individually for each application.

Validation: data for WB is available from YCharOS.

<https://doi.org/10.5281/zenodo.5061103>

Antibody Name: Cu/Zn SOD, pAb

Description: This polyclonal targets Cu/Zn SOD pAb

Target Organism: works, rat, mouse, human, and clam cu/zn . detects a band of ~23kda (human) or ~19kda (mouse and rat) by western blot

Antibody ID: AB 10616253

Vendor: Enzo Life Sciences

Catalog Number: ADI-SOD-100

Record Creation Time: 20250820T000041+0000

Record Last Update: 20250820T070603+0000

Ratings and Alerts

- Head to head comparison of available commercial antibodies against Superoxide dismutase [Cu-Zn] antigen using a knockout cell line by immunoblot (Western blot), immunoprecipitation and immunofluorescence. - YCHarOS
<https://doi.org/10.5281/zenodo.5061103>

No alerts have been found for Cu/Zn SOD, pAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Scial?? C, et al. (2025) Seeded aggregation of TDP-43 induces its loss of function and reveals early pathological signatures. *Neuron*, 113(10), 1614.

Blades B, et al. (2024) Impaired cellular copper regulation in the presence of ApoE4. *Journal of neurochemistry*, 168(9), 3284.

Hashimoto K, et al. (2023) Intrinsic structural vulnerability in the hydrophobic core induces species-specific aggregation of canine SOD1 with degenerative myelopathy-linked E40K mutation. *The Journal of biological chemistry*, 299(6), 104798.

Wang T, et al. (2021) C9orf72 regulates energy homeostasis by stabilizing mitochondrial complex I assembly. *Cell metabolism*, 33(3), 531.

Brunt VE, et al. (2019) Suppression of the gut microbiome ameliorates age-related arterial dysfunction and oxidative stress in mice. *The Journal of physiology*, 597(9), 2361.

Hock EM, et al. (2018) Hypertonic Stress Causes Cytoplasmic Translocation of Neuronal, but Not Astrocytic, FUS due to Impaired Transportin Function. *Cell reports*, 24(4), 987.