

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

Glutathione Peroxidase 1 antibody

RRID:AB_2112120

Type: Antibody

Proper Citation

Abcam Cat# ab22604, RRID:AB_2112120

Antibody Information

URL: http://antibodyregistry.org/AB_2112120

Proper Citation: Abcam Cat# ab22604, RRID:AB_2112120

Target Antigen: Glutathione Peroxidase 1 antibody

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: Glutathione Peroxidase 1 antibody

Description: This polyclonal targets Glutathione Peroxidase 1 antibody

Target Organism: rat, cow, mouse, bovine, human

Antibody ID: AB_2112120

Vendor: Abcam

Catalog Number: ab22604

Record Creation Time: 20250819T232130+0000

Record Last Update: 20250820T050541+0000

Ratings and Alerts

No rating or validation information has been found for Glutathione Peroxidase 1 antibody.

No alerts have been found for Glutathione Peroxidase 1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Hu Y, et al. (2025) Targeting PRDX6-dependent localization and function of GPX4 enhances ferroptosis-mediated tumor suppression. *Molecular cell*, 85(24), 4602.

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

N??rregaard LB, et al. (2024) Exercise training alters skeletal muscle microvascular endothelial cell properties in recent postmenopausal females. *The Journal of physiology*, 602(14), 3449.

Ito J, et al. (2024) PRDX6 dictates ferroptosis sensitivity by directing cellular selenium utilization. *Molecular cell*, 84(23), 4629.

Kim Y, et al. (2023) Glutathione dynamics is a potential predictive and therapeutic trait for neoadjuvant chemotherapy response in bladder cancer. *Cell reports. Medicine*, 4(10), 101224.

Oo SM, et al. (2022) Selenoprotein P-mediated reductive stress impairs cold-induced thermogenesis in brown fat. *Cell reports*, 38(13), 110566.

Flockhart M, et al. (2021) Excessive exercise training causes mitochondrial functional impairment and decreases glucose tolerance in healthy volunteers. *Cell metabolism*, 33(5), 957.

Vandenberg GG, et al. (2021) Astrocyte-mediated disruption of ROS homeostasis in Fragile X mouse model. *Neurochemistry international*, 146, 105036.

Thangaraj A, et al. (2021) HIV TAT-mediated microglial senescence: Role of SIRT3-dependent mitochondrial oxidative stress. *Redox biology*, 40, 101843.

Stein CS, et al. (2018) Mitoregulin: A lncRNA-Encoded Microprotein that Supports Mitochondrial Supercomplexes and Respiratory Efficiency. *Cell reports*, 23(13), 3710.

Ingold I, et al. (2018) Selenium Utilization by GPX4 Is Required to Prevent Hydroperoxide-Induced Ferroptosis. *Cell*, 172(3), 409.

Eder K, et al. (2017) An excess dietary vitamin E concentration does not influence Nrf2 signaling in the liver of rats fed either soybean oil or salmon oil. *Nutrition & metabolism*, 14, 71.

Rivera-Barahona A, et al. (2017) Treatment with antioxidants ameliorates oxidative damage in a mouse model of propionic acidemia. *Molecular genetics and metabolism*, 122(1-2), 43.

Fu J, et al. (2017) Thyroid Hormone Metabolism Defects in a Mouse Model of SBP2 Deficiency. *Endocrinology*, 158(12), 4317.

Lee WH, et al. (2016) Mouse Tmem135 mutation reveals a mechanism involving mitochondrial dynamics that leads to age-dependent retinal pathologies. *eLife*, 5.