Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 4, 2025

Glutathione Peroxidase 4 antibody [EPNCIR144]

RRID:AB_10973901
Type: Antibody

Proper Citation

(Abcam Cat# ab125066, RRID:AB_10973901)

Antibody Information

URL: http://antibodyregistry.org/AB_10973901

Proper Citation: (Abcam Cat# ab125066, RRID:AB_10973901)

Target Antigen: Glutathione Peroxidase 4 antibody [EPNCIR144]

Host Organism: rabbit

Clonality: monoclonal

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

Antibody Name: Glutathione Peroxidase 4 antibody [EPNCIR144]

Description: This monoclonal targets Glutathione Peroxidase 4 antibody [EPNCIR144]

Target Organism: rat, mouse, human

Antibody ID: AB_10973901

Vendor: Abcam

Catalog Number: ab125066

Record Creation Time: 20231110T062713+0000

Record Last Update: 20241115T055258+0000

Ratings and Alerts

No rating or validation information has been found for Glutathione Peroxidase 4 antibody [EPNCIR144].

No alerts have been found for Glutathione Peroxidase 4 antibody [EPNCIR144].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 90 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Li J, et al. (2024) Bradykinin induces acute kidney injury after hypothermic circulatory arrest through the repression of the Nrf2-xCT pathway. iScience, 27(6), 110075.

Fan H, et al. (2024) Osteoclast Cancer Cell Metabolic Cross-talk Confers PARP Inhibitor Resistance in Bone Metastatic Breast Cancer. Cancer research, 84(3), 449.

Miao ZF, et al. (2024) Metaplastic regeneration in the mouse stomach requires a reactive oxygen species pathway. Developmental cell, 59(9), 1175.

Qiu B, et al. (2024) Fatal COVID-19 pulmonary disease involves ferroptosis. Nature communications, 15(1), 3816.

Feng L, et al. (2024) p38 MAPK inhibitor SB202190 suppresses ferroptosis in the glutamate-induced retinal excitotoxicity glaucoma model. Neural regeneration research, 19(10), 2299.

Yang G, et al. (2024) Spliceosomal GTPase Eftud2 deficiency-triggered ferroptosis leads to Purkinje cell degeneration. Neuron, 112(20), 3452.

Zhang X, et al. (2024) Melatonin protects against particulate matter-induced ovarian dysfunction by activating the Nrf2 signaling pathway to alleviate ferroptosis. Life sciences, 359, 123200.

Mo C, et al. (2024) Dopaminylation of endothelial TPI1 suppresses ferroptotic angiocrine signals to promote lung regeneration over fibrosis. Cell metabolism, 36(8), 1839.

Liang GQ, et al. (2024) Baicalein improves renal interstitial fibrosis by inhibiting the ferroptosis in vivo and in vitro. Heliyon, 10(7), e28954.

Zha X, et al. (2024) Microbiota-derived lysophosphatidylcholine alleviates Alzheimer's disease pathology via suppressing ferroptosis. Cell metabolism.

Peng X, et al. (2024) HMOX1-LDHB interaction promotes ferroptosis by inducing mitochondrial dysfunction in foamy macrophages during advanced atherosclerosis. Developmental cell.

Young TA, et al. (2024) Glutamate Transport Proteins and Metabolic Enzymes are Poor Prognostic Factors in Invasive Lobular Carcinoma. bioRxiv : the preprint server for biology.

Qiu B, et al. (2024) Phospholipids with two polyunsaturated fatty acyl tails promote ferroptosis. Cell, 187(5), 1177.

Woo MS, et al. (2024) STING orchestrates the neuronal inflammatory stress response in multiple sclerosis. Cell, 187(15), 4043.

Yu J, et al. (2024) A mechanism linking ferroptosis and ferritinophagy in melatonin-related improvement of diabetic brain injury. iScience, 27(4), 109511.

Shirahama H, et al. (2024) Induction of stearoyl-CoA desaturase confers cell density-dependent ferroptosis resistance in melanoma. Journal of cellular biochemistry, 125(4), e30542.

Nakamura T, et al. (2024) A tangible method to assess native ferroptosis suppressor activity. Cell reports methods, 4(3), 100710.

Lv H, et al. (2024) USP7 upregulated by TGF-?1 promotes ferroptosis via inhibiting LATS1-YAP axis in sepsis-induced acute lung injury. iScience, 27(6), 109667.

Peng Q, et al. (2024) IDH2-NADPH pathway protects against acute pancreatitis via suppressing acinar cell ferroptosis. British journal of pharmacology, 181(20), 4067.

Jiang W, et al. (2024) Targeting the Ferroptosis and Endoplasmic Reticulum Stress Signaling Pathways by CBX7 in Myocardial Ischemia/reperfusion Injury. Cell biochemistry and biophysics, 82(3), 2171.