

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

Ferritin Light Chain antibody

RRID:AB_1523609

Type: Antibody

Proper Citation

(Abcam Cat# ab69090, RRID:AB_1523609)

Antibody Information

URL: http://antibodyregistry.org/AB_1523609

Proper Citation: (Abcam Cat# ab69090, RRID:AB_1523609)

Target Antigen: Ferritin Light Chain antibody

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: Ferritin Light Chain antibody

Description: This polyclonal targets Ferritin Light Chain antibody

Target Organism: rat, mouse, human

Antibody ID: AB_1523609

Vendor: Abcam

Catalog Number: ab69090

Record Creation Time: 20241016T232211+0000

Record Last Update: 20241017T003310+0000

Ratings and Alerts

No rating or validation information has been found for Ferritin Light Chain antibody.

No alerts have been found for Ferritin Light Chain antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Dai Y, et al. (2024) A highly selective inhibitor of discoidin domain receptor-1 (DDR1-IN-1) protects corneal epithelial cells from YAP/ACSL4-mediated ferroptosis in dry eye. *British journal of pharmacology*, 181(21), 4245.

Wang X, et al. (2024) Adipocyte-derived ferroptotic signaling mitigates obesity. *Cell metabolism*.

Tsamouri LP, et al. (2024) The hydrophobicity of the CARD8 N-terminus tunes inflammasome activation. *Cell chemical biology*, 31(9), 1699.

Baringer SL, et al. (2023) Amyloid- β exposed astrocytes induce iron transport from endothelial cells at the blood-brain barrier by altering the ratio of apo- and holo-transferrin. *Journal of neurochemistry*, 167(2), 248.

Hu CB, et al. (2023) DL-3-n-butylphthalide alleviates motor disturbance by suppressing ferroptosis in a rat model of Parkinson's disease. *Neural regeneration research*, 18(1), 194.

Atiya HI, et al. (2022) Endometriosis-Associated Mesenchymal Stem Cells Support Ovarian Clear Cell Carcinoma through Iron Regulation. *Cancer research*, 82(24), 4680.

Bonadonna M, et al. (2022) Iron regulatory protein (IRP)-mediated iron homeostasis is critical for neutrophil development and differentiation in the bone marrow. *Science advances*, 8(40), eabq4469.

Roberts H, et al. (2021) Maternal Iron Deficiency Alters Trophoblast Differentiation and Placental Development in Rat Pregnancy. *Endocrinology*, 162(12).

Aronova MA, et al. (2021) Use of dual-electron probes reveals the role of ferritin as an iron depot in ex vivo erythropoiesis. *iScience*, 24(8), 102901.

Wang ZX, et al. (2021) Quercetin induces p53-independent cancer cell death through

lysosome activation by the transcription factor EB and Reactive Oxygen Species-dependent ferroptosis. *British journal of pharmacology*, 178(5), 1133.

Song IY, et al. (2020) The Nrf2-mediated defense mechanism associated with HFE genotype limits vulnerability to oxidative stress-induced toxicity. *Toxicology*, 441, 152525.

Mukherjee C, et al. (2020) Oligodendrocytes Provide Antioxidant Defense Function for Neurons by Secreting Ferritin Heavy Chain. *Cell metabolism*, 32(2), 259.

Nnah IC, et al. (2020) Iron potentiates microglial interleukin-1 β secretion induced by amyloid- β . *Journal of neurochemistry*, 154(2), 177.

Nash B, et al. (2019) Morphine-Induced Modulation of Endolysosomal Iron Mediates Upregulation of Ferritin Heavy Chain in Cortical Neurons. *eNeuro*, 6(4).

Brown CW, et al. (2019) Prominin2 Drives Ferroptosis Resistance by Stimulating Iron Export. *Developmental cell*, 51(5), 575.

Cuadrado E, et al. (2018) Proteomic Analyses of Human Regulatory T Cells Reveal Adaptations in Signaling Pathways that Protect Cellular Identity. *Immunity*, 48(5), 1046.

Nixon AM, et al. (2018) HFE Genotype Restricts the Response to Paraquat in a Mouse Model of Neurotoxicity. *Journal of neurochemistry*, 145(4), 299.

Chandran V, et al. (2017) Inducible and reversible phenotypes in a novel mouse model of Friedreich's Ataxia. *eLife*, 6.

Muraro MJ, et al. (2016) A Single-Cell Transcriptome Atlas of the Human Pancreas. *Cell systems*, 3(4), 385.