

# Resource Summary Report

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## Rabbit Anti-Ferritin Light Chain Polyclonal Antibody, Unconjugated

RRID:AB\_1523609

Type: Antibody

### Proper Citation

(Abcam Cat# ab69090, RRID:AB\_1523609)

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_1523609](http://antibodyregistry.org/AB_1523609)

**Proper Citation:** (Abcam Cat# ab69090, RRID:AB\_1523609)

**Target Antigen:** Ferritin Light Chain

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: Western Blot; Immunocytochemistry/Immunofluorescence, Immunohistochemistry-FoFr, Immunohistochemistry-P, Western Blot

**Antibody Name:** Rabbit Anti-Ferritin Light Chain Polyclonal Antibody, Unconjugated

**Description:** This polyclonal targets Ferritin Light Chain

**Target Organism:** rat, mouse, human

**Antibody ID:** AB\_1523609

**Vendor:** Abcam

**Catalog Number:** ab69090

**Record Creation Time:** 20241016T233819+0000

**Record Last Update:** 20241017T010113+0000

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## Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Ferritin Light Chain Polyclonal Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-Ferritin Light Chain Polyclonal Antibody, Unconjugated.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## 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- $\beta$  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 $\beta$  secretion induced by amyloid- $\beta$ . *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.