

Resource Summary Report

Generated by [RRID](#) on Sep 10, 2026

Iba1 antibody

RRID:AB_1240434

Type: Antibody

Proper Citation

GeneTex Cat# GTX100042, RRID:AB_1240434

Antibody Information

URL: http://antibodyregistry.org/AB_1240434

Proper Citation: GeneTex Cat# GTX100042, RRID:AB_1240434

Target Antigen: Iba1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB, ICC/IF, IHC-P, IHC-Fr, FACS, IHC, IHC (Free Floating)

Antibody Name: Iba1 antibody

Description: This polyclonal targets Iba1

Target Organism: rat, mouse, human

Antibody ID: AB_1240434

Vendor: GeneTex

Catalog Number: GTX100042

Record Creation Time: 20231110T074120+0000

Record Last Update: 20260829T014623+0000

Ratings and Alerts

No rating or validation information has been found for Iba1 antibody.

No alerts have been found for Iba1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Zhou Y, et al. (2026) Therapeutic potential of liver X receptor agonist GW3965 in preserving myelin integrity following traumatic brain injury. *British journal of pharmacology*.

Lorenz SM, et al. (2026) A fin-loop-like structure in GPX4 underlies neuroprotection from ferroptosis. *Cell*, 189(1), 287.

Mortimer AJ, et al. (2026) Comparison of AAV9-driven motor neuron transduction following different CNS-directed delivery methods in mice. *Scientific reports*, 16(1).

Garg A, et al. (2026) Vitamin B2 and B3 nutrigenomics reveals a therapy for NAXD disease. *Cell*, 189(9), 2648.

Garg A, et al. (2026) Hypoxia rescues complex 1-associated disease caused by proteostatic defects. *Nature metabolism*.

Costa-Pereira S, et al. (2025) Regulatory T cells suppress GM-CSF-producing T helper cells via IL-2 modulation to restrain immunopathology. *Cell reports*, 44(5), 115642.

Du XY, et al. (2025) Attenuating α -synuclein pathology in mice with in situ engineered astrocytes. *Translational neurodegeneration*, 14(1), 58.

Yu J, et al. (2025) Tracing the origin of testosterone-producing Leydig cells during pubertal development, homeostasis, and regeneration. *Cell reports*, 44(12), 116674.

Blume SY, et al. (2025) HypoxyStat, a small-molecule form of hypoxia therapy that increases oxygen-hemoglobin affinity. *Cell*, 188(6), 1580.

Zhu J, et al. (2025) Fc-Modified IVIG with Enhanced Blood-Brain Barrier Penetration Ameliorates Cognitive Deficits and Neuropathology in A53T α -Synuclein Transgenic Mice. *Cellular and molecular neurobiology*, 45(1), 103.

Huang YN, et al. (2024) Pomalidomide Improves Motor Behavioral Deficits and Protects Cerebral Cortex and Striatum Against Neurodegeneration Through a Reduction of Oxidative/Nitrosative Damages and Neuroinflammation After Traumatic Brain Injury. *Cell transplantation*, 33, 9636897241237049.

Maes ME, et al. (2023) Mitochondrial network adaptations of microglia reveal sex-specific stress response after injury and UCP2 knockout. *iScience*, 26(10), 107780.

Bartalska K, et al. (2022) A systematic characterization of microglia-like cell occurrence during retinal organoid differentiation. *iScience*, 25(7), 104580.

Xia K, et al. (2022) AAV-mediated gene therapy produces fertile offspring in the Lhcgr-deficient mouse model of Leydig cell failure. *Cell reports. Medicine*, 3(11), 100792.

Kiani Shabestari S, et al. (2022) Absence of microglia promotes diverse pathologies and early lethality in Alzheimer's disease mice. *Cell reports*, 39(11), 110961.

Hara T, et al. (2021) Interactions between cancer cells and immune cells drive transitions to mesenchymal-like states in glioblastoma. *Cancer cell*, 39(6), 779.

Venturino A, et al. (2021) Microglia enable mature perineuronal nets disassembly upon anesthetic ketamine exposure or 60-Hz light entrainment in the healthy brain. *Cell reports*, 36(1), 109313.

Lin YE, et al. (2021) Glial Nrf2 signaling mediates the neuroprotection exerted by *Gastrodia elata* Blume in Lrrk2-G2019S Parkinson's disease. *eLife*, 10.

Venturino A, et al. (2021) Minimally invasive protocols and quantification for microglia-mediated perineuronal net disassembly in mouse brain. *STAR protocols*, 2(4), 101012.

Lüningschrör P, et al. (2020) The FTLD Risk Factor TMEM106B Regulates the Transport of Lysosomes at the Axon Initial Segment of Motoneurons. *Cell reports*, 30(10), 3506.