

Resource Summary Report

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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: human, mouse, rat

Antibody ID: AB_1240434

Vendor: GeneTex

Catalog Number: GTX100042

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 13 mentions in open access literature.

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

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.

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.

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

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.

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

Yu XL, et al. (2020) Vaccines targeting the primary amino acid sequence and conformational epitope of amyloid- β had distinct effects on neuropathology and cognitive deficits in EAE/AD mice. *British journal of pharmacology*, 177(12), 2860.

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.

Wahl D, et al. (2018) Comparing the Effects of Low-Protein and High-Carbohydrate Diets

and Caloric Restriction on Brain Aging in Mice. Cell reports, 25(8), 2234.

Zera K, et al. (2017) Thiamine deficiency activates hypoxia inducible factor-1 α to facilitate pro-apoptotic responses in mouse primary astrocytes. PloS one, 12(10), e0186707.