Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 17, 2025

Anti Iba1, Rabbit (for Immunocytochemistry)

RRID:AB_839504
Type: Antibody

Proper Citation

(FUJIFILM Wako Pure Chemical Corporation Cat# 019-19741, RRID:AB_839504)

Antibody Information

URL: http://antibodyregistry.org/AB_839504

Proper Citation: (FUJIFILM Wako Pure Chemical Corporation Cat# 019-19741, RRID:AB_839504)

Target Antigen: Iba 1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: ICC, IHC (Frozen)
Consolidation on 3/2024: AB_2314666, AB_2314667
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE
Consolidation on 7/2018: AB_2313566, AB_10206679, AB_2665520.

Antibody Name: Anti Iba1, Rabbit (for Immunocytochemistry)

Description: This polyclonal targets Iba 1

Target Organism: rat, mouse, human

Defining Citation: PMID:18098136

Antibody ID: AB_839504

Vendor: FUJIFILM Wako Pure Chemical Corporation

Catalog Number: 019-19741

Record Creation Time: 20250408T002917+0000

Record Last Update: 20250408T002930+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Anti Iba1, Rabbit (for Immunocytochemistry).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 1214 mentions in open access literature.

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

Rao A, et al. (2025) Microglia depletion reduces human neuronal APOE4-related pathologies in a chimeric Alzheimer's disease model. Cell stem cell, 32(1), 86.

Ferreira PA, et al. (2025) Early-life IL-4 administration induces long-term changes in microglia in the cerebellum and prefrontal cortex. Journal of neurochemistry, 169(1), e16266.

Choi Y, et al. (2025) Blood-derived APLP1+ extracellular vesicles are potential biomarkers for the early diagnosis of brain diseases. Science advances, 11(1), eado6894.

Luo W, et al. (2025) Perfluoropentane-based oxygen-loaded nanodroplets reduce microglial activation through metabolic reprogramming. Neural regeneration research, 20(4), 1178.

Zheng M, et al. (2025) Exercise preconditioning alleviates ischemia-induced memory deficits by increasing circulating adiponectin. Neural regeneration research, 20(5), 1445.

Tanabe M, et al. (2025) Role of immature choroid plexus in the pathology of model mice and human iPSC-derived organoids with autism spectrum disorder. Cell reports, 44(1), 115133.

Bosquez Huerta NA, et al. (2025) Sex-specific astrocyte regulation of spinal motor circuits by

Nkx6.1. Cell reports, 44(1), 115121.

Balzano T, et al. (2025) Temporal dynamics of neurovascular unit changes following blood-brain barrier opening in the putamen of non-human primates. Journal of controlled release : official journal of the Controlled Release Society, 377, 116.

Yao J, et al. (2025) FUBP3 mediates the amyloid-?-induced neuronal NLRP3 expression. Neural regeneration research, 20(7), 2068.

Ronchetti S, et al. (2025) The phytoestrogen genistein improves hippocampal neurogenesis and cognitive impairment and decreases neuroinflammation in an animal model of metabolic syndrome. Journal of neuroendocrinology, 37(2), e13480.

Yu ZY, et al. (2025) Roles of blood monocytes carrying TREM2R47H mutation in pathogenesis of Alzheimer's disease and its therapeutic potential in APP/PS1 mice. Alzheimer's & dementia : the journal of the Alzheimer's Association, 21(2), e14402.

Singh S, et al. (2025) Ethanol modulates astrocyte activation and neuroinflammation via miR-339/NLRP6 inflammasome signaling. Free radical biology & medicine, 226, 1.

Wang Z, et al. (2025) Single-Nuclei Sequencing Reveals a Robust Corticospinal Response to Nearby Axotomy But Overall Insensitivity to Spinal Injury. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(8).

Terao R, et al. (2024) LXR/CD38 activation drives cholesterol-induced macrophage senescence and neurodegeneration via NAD+ depletion. Cell reports, 43(5), 114102.

Cui Y, et al. (2024) DL-3-n-Butylphthalide Ameliorates Post-stroke Emotional Disorders by Suppressing Neuroinflammation and PANoptosis. Neurochemical research, 49(8), 2215.

Ushida K, et al. (2024) Menaquinone-4 Alleviates Neurological Deficits Associated with Intracerebral Hemorrhage by Preserving Corticospinal Tract in Mice. Neurochemical research, 49(7), 1838.

Liu X, et al. (2024) Small-molecule-induced epigenetic rejuvenation promotes SREBP condensation and overcomes barriers to CNS myelin regeneration. Cell, 187(10), 2465.

Voglewede MM, et al. (2024) Loss of the polarity protein Par3 promotes dendritic spine neoteny and enhances learning and memory. iScience, 27(7), 110308.

Varner LR, et al. (2024) The deubiquitinase Otud7b suppresses cone photoreceptor degeneration in mouse models of retinal degenerative diseases. iScience, 27(4), 109380.

Dinh DD, et al. (2024) Female mice display sex-specific differences in cerebrovascular function and subarachnoid haemorrhage-induced injury. EBioMedicine, 102, 105058.