

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

Recombinant Anti-Iba1 antibody [EPR16589]

RRID:AB_2832244

Type: Antibody

Proper Citation

Abcam Cat# ab178847, RRID:AB_2832244

Antibody Information

URL: http://antibodyregistry.org/AB_2832244

Proper Citation: Abcam Cat# ab178847, RRID:AB_2832244

Target Antigen: Iba1

Host Organism: rabbit

Clonality: recombinant

Comments: Applications: IHC-P, WB, IP, ICC/IF, IHC-FoFr

Antibody Name: Recombinant Anti-Iba1 antibody [EPR16589]

Description: This recombinant targets Iba1

Target Organism: Human, Rat, Mouse

Clone ID: EPR16589

Antibody ID: AB_2832244

Vendor: Abcam

Catalog Number: ab178847

Record Creation Time: 20250819T215951+0000

Record Last Update: 20250820T004700+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-Iba1 antibody [EPR16589].

No alerts have been found for Recombinant Anti-Iba1 antibody [EPR16589].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 57 mentions in open access literature.

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

Sun Y, et al. (2026) Early HMGB1 Inhibition Reduces Hippocampal Injury During Adolescence in a Young Mouse Model of Radiation-Induced Brain Injury. Cellular and molecular neurobiology, 46(1).

Zhao W, et al. (2026) Neuronal Igfbp2 deficiency in the prefrontal cortex impairs cognition through synaptic dysfunction in male mice. iScience, 29(5), 115629.

Carnevale LN, et al. (2026) Redox regulation of neuroinflammatory pathways contributes to damage in Alzheimer's disease brain. Cell chemical biology.

Guo M, et al. (2026) Gypenosides ameliorate depression by modulating microglial state transition via the NLRP3/Caspase-1/ASC signaling pathway. Phytomedicine : international journal of phytotherapy and phytopharmacology, 156, 158189.

Becker S, et al. (2026) Healing of ischemic injury in the retina. Science advances, 12(4), eadx7204.

Kim J, et al. (2026) Electromagnetic field-inducible in vivo gene switch for remote spatiotemporal control of gene expression. Cell, 189(11), 3465.

Gu Z, et al. (2026) High intensity 40 Hz flicker improves amyloid pathology and cognition with autophagy in 3xTg mice. iScience, 29(6), 115994.

Song H, et al. (2026) Andrographolide attenuates microglial senescence in Alzheimer's disease mice by suppressing the STAT3 signaling. iScience, 29(6), 116033.

Chen S, et al. (2026) Microbiome-derived metabolites alleviate chronic pain in a reserpine-induced model of fibromyalgia. iScience, 29(4), 115406.

Shih HL, et al. (2025) Upregulation of Cathepsin S Expression Contributes to Neuronal Damage Following Kainic Acid-Induced Status Epilepticus. Journal of neurochemistry, 169(3), e70037.

Liu TT, et al. (2025) C18:0 GM3 ganglioside's efficacy in LPS-induced parkinsonism: neuroprotection, inflammatory inhibition and gliosis mitigation. Behavioral and brain functions : BBF, 21(1), 25.

Yi MH, et al. (2025) Optogenetic activation of cortical microglia promotes neuronal activity and pain hypersensitivity. Cell reports, 44(5), 115717.

Wang W, et al. (2025) Selenized neural stem cell-derived exosomes: A neotype therapeutic agent for traumatic injuries of the central nervous system. *Cell reports. Medicine*, 6(9), 102319.

Powell WH, et al. (2025) Contrasting Behavioural and Biochemical Characteristics of Normal and Spontaneously α -Synuclein-Deficient Mice Treated With MPTP. *Journal of neurochemistry*, 169(8), e70201.

Xie M, et al. (2025) Rod-shaped microglia interact with neuronal dendrites to attenuate cortical excitability during TDP-43-related neurodegeneration. *Immunity*.

Zhao Y, et al. (2024) Intrathecal administration of MCRT produced potent antinociception in chronic inflammatory pain models via α - β heterodimer with limited side effects. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 179, 117389.

Mu J, et al. (2024) Visualizing Wallerian degeneration in the corticospinal tract after sensorimotor cortex ischemia in mice. *Neural regeneration research*, 19(3), 636.

Shen Z, et al. (2024) Dexborneol Amplifies Pregabalin's Analgesic Effect in Mouse Models of Peripheral Nerve Injury and Incisional Pain. *Antioxidants (Basel, Switzerland)*, 13(7).

Shanley M, et al. (2024) Interleukin-21 engineering enhances NK cell activity against glioblastoma via CEBPD. *Cancer cell*, 42(8), 1450.

Gan S, et al. (2024) Distinct tumor architectures and microenvironments for the initiation of breast cancer metastasis in the brain. *Cancer cell*, 42(10), 1693.