

# Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

## Goat Anti-AIF1 Polyclonal Antibody, Unconjugated

RRID:AB\_2224402

Type: Antibody

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### Proper Citation

(Abcam Cat# ab5076, RRID:AB\_2224402)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2224402](http://antibodyregistry.org/AB_2224402)

**Proper Citation:** (Abcam Cat# ab5076, RRID:AB\_2224402)

**Target Antigen:** Iba1

**Host Organism:** goat

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: ELISA; Immunofluorescence; Immunohistochemistry; Western Blot; ELISA, Immunohistochemistry-Fr, Immunohistochemistry-P, Western Blot

**Antibody Name:** Goat Anti-AIF1 Polyclonal Antibody, Unconjugated

**Description:** This polyclonal targets Iba1

**Antibody ID:** AB\_2224402

**Vendor:** Abcam

**Catalog Number:** ab5076

**Record Creation Time:** 20260610T070407+0000

**Record Last Update:** 20260610T070407+0000

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### Ratings and Alerts

No rating or validation information has been found for Goat Anti-AIF1 Polyclonal Antibody, Unconjugated.

No alerts have been found for Goat Anti-AIF1 Polyclonal Antibody, Unconjugated.

## Data and Source Information

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

## Usage and Citation Metrics

We found 343 mentions in open access literature.

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

Zeng F, et al. (2026) Microglia overexpressing brain-derived neurotrophic factor promote vascular repair and functional recovery in mice after spinal cord injury. *Neural regeneration research*, 21(1), 365.

Muppirala AN, et al. (2026) Tachykinin signaling defines distinct populations of glia in the enteric nervous system. *Neuron*.

Zhang S, et al. (2026) BST2 expression at astrocyte borders promotes microglial recruitment via the C3/C3aR signaling. *Neuron*, 114(1), 67.

Hamagami N, et al. (2026) State-specific enhancer landscapes govern microglial plasticity. *Immunity*.

Zheng B, et al. (2026) Prenatal glucocorticoids exposure disrupts maturation of a cluster of microglia, causing poor social memory and more repetitive behaviors. *Cell reports*, 45(1), 116820.

Diamond EL, et al. (2026) RAF-independent MEK mutations drive refractory histiocytic neoplasms but respond to ERK inhibition. *Cancer cell*, 44(1), 203.

Thomas OG, et al. (2026) Anoctamin-2-specific T cells link Epstein-Barr virus to multiple sclerosis. *Cell*.

Zhang T, et al. (2026) Lipocalin-2 induces macrophage/microglia pro-inflammatory phenotype after intracerebral hemorrhage via Nrf2 signaling inhibition in young and aged mice. *Neuroscience research*, 222, 104988.

Li S, et al. (2025) Microglia mediated by LAG3 regulate astrocyte morphogenesis in the brain white matter. *Cell reports*, 44(8), 116112.

Lunghi G, et al. (2025) GM1 Oligosaccharide Modulates Microglial Activation and  $\alpha$ -Synuclein Clearance in a Human In Vitro Model. *International journal of molecular sciences*, 26(15).

Ding N, et al. (2025) Heat-shock chaperone HSPB1 mitigates poly-glycine-induced neurodegeneration via restoration of autophagic flux. *Autophagy*, 21(6), 1298.

Clain J, et al. (2025) Effect of metabolic disorders on reactive gliosis and glial scarring at the early subacute phase of stroke in a mouse model of diabetes and obesity. *IBRO neuroscience reports*, 18, 16.

O'Neill E, et al. (2025) Neonatal infection with *Bordetella pertussis* promotes autism-like phenotypes in mice. *iScience*, 28(1), 111548.

Frolov A, et al. (2025) Microglia and CD8+ T cell activation precede neuronal loss in a murine model of spastic paraplegia 15. *The Journal of experimental medicine*, 222(7).

Stone WJ, et al. (2025) 14-3-3 Proteins Negatively Regulate Microglial Activation via Inhibition of the NF- $\kappa$ B Pathway. *Journal of neurochemistry*, 169(9), e70228.

Nguyen LD, et al. (2025) Impact of ATF6 deletion on the embryonic brain development. *iScience*, 28(6), 112569.

Lish AM, et al. (2025) CLU alleviates Alzheimer's disease-relevant processes by modulating astrocyte reactivity and microglia-dependent synaptic density. *Neuron*, 113(12), 1925.

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

Huang Y, et al. (2025) Deficiency of SARM1 attenuates neuronal injury and improves neurological performance in a photothrombotic stroke model. *Molecular brain*, 18(1), 87.

Li M, et al. (2025) MRI-DTI contributes to evaluating diffuse neural injury following repetitive mild traumatic brain injury. *iScience*, 28(12), 114221.