

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

Anti-IBA 1

RRID:AB_2493179

Type: Antibody

Proper Citation

Synaptic Systems Cat# 234 004, RRID:AB_2493179

Antibody Information

URL: http://antibodyregistry.org/AB_2493179

Proper Citation: Synaptic Systems Cat# 234 004, RRID:AB_2493179

Target Antigen: IBA 1

Host Organism: guinea pig

Clonality: polyclonal

Comments: Applications: WB,IP,ICC,IHC,IHC-P

Antibody Name: Anti-IBA 1

Description: This polyclonal targets IBA 1

Target Organism: Human, Rat, Zebrafish, Mouse, Sheep

Antibody ID: AB_2493179

Vendor: Synaptic Systems

Catalog Number: 234 004

Record Creation Time: 20250820T041257+0000

Record Last Update: 20250820T182132+0000

Ratings and Alerts

No rating or validation information has been found for Anti-IBA 1.

No alerts have been found for Anti-IBA 1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Shea JM, et al. (2025) Microglia aging in the hippocampus advances through intermediate states that drive activation and cognitive decline. *eLife*, 13.

Shahidehpour RK, et al. (2025) Assessing Co-Localization of ITM2B With Alzheimer's Disease and Limbic-Predominant Age-Related TDP-43 Encephalopathy Neuropathologic Changes. *Neuropathology : official journal of the Japanese Society of Neuropathology*, 45(4), e70003.

Winford ED, et al. (2025) Pancreatic hypersecretion of amyloid-forming human amylin dysregulates the neuro-immune axis and B cell development in a model of type-2 diabetes. *Neurobiology of disease*, 216, 107153.

Strehle J, et al. (2025) The border-associated macrophage marker MRC1 contributes to an early neuroprotective inflammatory response to traumatic brain injury in mice. *Acta neuropathologica communications*, 13(1), 220.

Schreiber CS, et al. (2025) Intravenous SARS-CoV-2 Spike protein induces neuroinflammation and alpha-Synuclein accumulation in brain regions relevant to Parkinson's disease. *Brain, behavior, and immunity*, 129, 102.

Dao L, et al. (2024) Modeling blood-brain barrier formation and cerebral cavernous malformations in human PSC-derived organoids. *Cell stem cell*, 31(6), 818.

Rosmus DD, et al. (2024) Redefining the ontogeny of hyalocytes as yolk sac-derived tissue-resident macrophages of the vitreous body. *Journal of neuroinflammation*, 21(1), 168.

Shea JM, et al. (2024) MICROGLIA AGING IN THE HIPPOCAMPUS ADVANCES THROUGH INTERMEDIATE STATES THAT DRIVE INFLAMMATORY ACTIVATION AND COGNITIVE DECLINE. *bioRxiv : the preprint server for biology*.

Shahidehpour RK, et al. (2024) A pathologic study of Perivascular pTDP-43 Lin bodies in LATE-NC. *Acta neuropathologica communications*, 12(1), 114.

Schreiber CS, et al. (2024) Sex-specific biphasic alpha-synuclein response and alterations of interneurons in a COVID-19 hamster model. *EBioMedicine*, 105, 105191.

Shahidehpour RK, et al. (2024) Exploring the link between dystrophic microglia and the spread of Alzheimer's neuropathology. *Brain : a journal of neurology*.

Escoubas CC, et al. (2024) Type-I-interferon-responsive microglia shape cortical development and behavior. *Cell*.

Yamamoto S, et al. (2024) Macrophage/microglia-producing transient increase of platelet-activating factor is involved in neuropathic pain. *iScience*, 27(4), 109466.

Wang Y, et al. (2023) TPL2 kinase activity regulates microglial inflammatory responses and promotes neurodegeneration in tauopathy mice. *eLife*, 12.

Neumann P, et al. (2023) Is microglial dystrophy a form of cellular senescence? An analysis of senescence markers in the aged human brain. *Glia*, 71(2), 377.

Grochowska KM, et al. (2023) Jacob-induced transcriptional inactivation of CREB promotes A β -induced synapse loss in Alzheimer's disease. *The EMBO journal*, 42(4), e112453.

Ighodaro ET, et al. (2023) A neuropathologic feature of brain aging: multi-lumen vascular profiles. *Acta neuropathologica communications*, 11(1), 138.

Yousefpour N, et al. (2023) Time-dependent and selective microglia-mediated removal of spinal synapses in neuropathic pain. *Cell reports*, 42(1), 112010.

Shimizu T, et al. (2023) Direct activation of microglia by β -glucosylceramide causes phagocytosis of neurons that exacerbates Gaucher disease. *Immunity*, 56(2), 307.

Gao Y, et al. (2023) β 2-microglobulin functions as an endogenous NMDAR antagonist to impair synaptic function. *Cell*, 186(5), 1026.