

Resource Summary Report

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Anti-Myelin Basic Protein antibody

RRID:AB_1141521

Type: Antibody

Proper Citation

(Abcam Cat# ab40390, RRID:AB_1141521)

Antibody Information

URL: http://antibodyregistry.org/AB_1141521

Proper Citation: (Abcam Cat# ab40390, RRID:AB_1141521)

Target Antigen: Myelin Basic Protein

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: Anti-Myelin Basic Protein antibody

Description: This polyclonal targets Myelin Basic Protein

Target Organism: rat, mouse

Antibody ID: AB_1141521

Vendor: Abcam

Catalog Number: ab40390

Record Creation Time: 20231110T074429+0000

Record Last Update: 20241115T120006+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Myelin Basic Protein antibody.

No alerts have been found for Anti-Myelin Basic Protein antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 68 mentions in open access literature.

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

Smith TA, et al. (2025) Polyethylene glycol has immunoprotective effects on sciatic allografts, but behavioral recovery and graft tolerance require neurorrhaphy and axonal fusion. *Neural regeneration research*, 20(4), 1192.

Hade AC, et al. (2024) A cost-effective and efficient ex vivo, ex situ human whole brain perfusion protocol for immunohistochemistry. *Journal of neuroscience methods*, 404, 110059.

Olschewski DN, et al. (2024) The angiotensin II receptors type 1 and 2 modulate astrocytes and their crosstalk with microglia and neurons in an in vitro model of ischemic stroke. *BMC neuroscience*, 25(1), 29.

Elbaz B, et al. (2024) The bone transcription factor Osterix controls extracellular matrix- and node of Ranvier-related gene expression in oligodendrocytes. *Neuron*, 112(2), 247.

Kang JWM, et al. (2024) Infraorbital nerve injury triggers sex-specific neuroimmune responses in the peripheral trigeminal pathway and common pain behaviours. *Brain, behavior, and immunity*, 118, 480.

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. *Nature communications*, 15(1), 10865.

Hu R, et al. (2024) Runx2 regulates peripheral nerve regeneration to promote Schwann cell migration and re-myelination. *Neural regeneration research*, 19(7), 1575.

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. *bioRxiv : the preprint server for biology*.

Yan Y, et al. (2024) Gut microbiota-derived cholic acid mediates neonatal brain immaturity and white matter injury under chronic hypoxia. *iScience*, 27(5), 109633.

Koyanagi M, et al. (2024) Development of a 3-dimensional organotypic model with characteristics of peripheral sensory nerves. *Cell reports methods*, 4(8), 100835.

Teo JD, et al. (2023) Early microglial response, myelin deterioration and lethality in mice deficient for very long chain ceramide synthesis in oligodendrocytes. *Glia*, 71(4), 1120.

Tsuchikawa Y, et al. (2023) Deficiency of MicroRNA-23-27-24 Clusters Exhibits the Impairment of Myelination in the Central Nervous System. *Neural plasticity*, 2023, 8938674.

Marian OC, et al. (2023) Disrupted myelin lipid metabolism differentiates frontotemporal dementia caused by GRN and C9orf72 gene mutations. *Acta neuropathologica communications*, 11(1), 52.

Pruvost M, et al. (2023) The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina. *Cell reports*, 42(8), 112848.

Frazier AP, et al. (2023) Chronic changes in oligodendrocyte sub-populations after middle cerebral artery occlusion in neonatal mice. *Glia*, 71(6), 1429.

Zheng X, et al. (2023) Preclinical long-term safety of intraspinal transplantation of human dorsal spinal GABA neural progenitor cells. *iScience*, 26(11), 108306.

Li R, et al. (2023) Identification of injury type using somatosensory and motor evoked potentials in a rat spinal cord injury model. *Neural regeneration research*, 18(2), 422.

Chao AS, et al. (2023) 20- β -Hydroxycholesterol, an oxysterol in human breast milk, reverses mouse neonatal white matter injury through Gli-dependent oligodendrogenesis. *Cell stem cell*, 30(8), 1054.

Yang T, et al. (2023) Effects of Ischemic Stroke on Interstitial Fluid Clearance in Mouse Brain: a Bead Study. *Cellular and molecular neurobiology*, 43(8), 4141.

Liu S, et al. (2023) Generation of self-organized autonomic ganglion organoids from fibroblasts. *iScience*, 26(3), 106241.