Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

Myelin PLP antibody

RRID:AB_776593
Type: Antibody

Proper Citation

(Abcam Cat# ab28486, RRID:AB_776593)

Antibody Information

URL: http://antibodyregistry.org/AB_776593

Proper Citation: (Abcam Cat# ab28486, RRID:AB_776593)

Target Antigen: Myelin PLP antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry - fixed; Immunofluorescence; Immunohistochemistry; Western Blot; Immunocytochemistry; Immunohistochemistry - frozen; Flow Cytometry; Flow Cyt, ICC, ICC/IF, IHC-Fr, IHC-P, WB

Antibody Name: Myelin PLP antibody

Description: This polyclonal targets Myelin PLP antibody

Target Organism: rat, mouse, human

Defining Citation: PMID:19565523

Antibody ID: AB_776593

Vendor: Abcam

Catalog Number: ab28486

Record Creation Time: 20231110T080022+0000

Record Last Update: 20241115T051939+0000

Ratings and Alerts

No rating or validation information has been found for Myelin PLP antibody.

No alerts have been found for Myelin PLP antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

de la Monte SM, et al. (2023) Differential Early Mechanistic Frontal Lobe Responses to Choline Chloride and Soy Isoflavones in an Experimental Model of Fetal Alcohol Spectrum Disorder. International journal of molecular sciences, 24(8).

Suhail H, et al. (2023) An early glycolysis burst in microglia regulates mitochondrial dysfunction in oligodendrocytes under neuroinflammation. iScience, 26(10), 107921.

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.

Yamanaka K, et al. (2023) Deletion of Nox4 enhances remyelination following cuprizone-induced demyelination by increasing phagocytic capacity of microglia and macrophages in mice. Glia, 71(3), 541.

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.

Smart A, et al. (2023) Protocol for tissue processing and paraffin embedding of mouse brains following ex vivo MRI. STAR protocols, 4(4), 102681.

Cheng N, et al. (2022) STAG2 promotes the myelination transcriptional program in oligodendrocytes. eLife, 11.

Balraj A, et al. (2022) Refinement of axonal conduction and myelination in the mouse optic nerve indicate an extended period of postnatal developmental plasticity. Developmental neurobiology, 82(4), 308.

Ye D, et al. (2022) Identifying Genes that Affect Differentiation of Human Neural Stem Cells and Myelination of Mature Oligodendrocytes. Cellular and molecular neurobiology.

Li Y, et al. (2022) Hepatoma Derived Growth Factor Enhances Oligodendrocyte Genesis from Subventricular Zone Precursor Cells. ASN neuro, 14, 17590914221086340.

Sánchez-de la Torre A, et al. (2022) Cannabinoid CB1 receptor gene inactivation in oligodendrocyte precursors disrupts oligodendrogenesis and myelination in mice. Cell death & disease, 13(7), 585.

Battis K, et al. (2022) CSF1R-Mediated Myeloid Cell Depletion Prolongs Lifespan But Aggravates Distinct Motor Symptoms in a Model of Multiple System Atrophy. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(40), 7673.

Kalafatakis I, et al. (2021) The beneficial role of the synthetic microneurotrophin BNN20 in a focal demyelination model. Journal of neuroscience research, 99(5), 1474.

Chamberlain KA, et al. (2021) Oligodendrocytes enhance axonal energy metabolism by deacetylation of mitochondrial proteins through transcellular delivery of SIRT2. Neuron, 109(21), 3456.

Huang HT, et al. (2021) Hericium erinaceus mycelium and its small bioactive compounds promote oligodendrocyte maturation with an increase in myelin basic protein. Scientific reports, 11(1), 6551.

Huerga-Gómez A, et al. (2021) ?9 -Tetrahydrocannabinol promotes oligodendrocyte development and CNS myelination in vivo. Glia, 69(3), 532.

Woods C, et al. (2021) Neurons populating the rectal extrinsic nerves in humans express neuronal and Schwann cell markers. Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society, 33(7), e14074.

Kim KP, et al. (2021) Donor cell memory confers a metastable state of directly converted cells. Cell stem cell, 28(7), 1291.

Song H, et al. (2021) Sphingosine kinase 2 is essential for remyelination following cuprizone intoxication. Glia, 69(12), 2863.

Alam MM, et al. (2021) Deficiency of Microglial Autophagy Increases the Density of Oligodendrocytes and Susceptibility to Severe Forms of Seizures. eNeuro, 8(1).