Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 8, 2024

Purified anti-Myelin Basic Protein

RRID:AB_2564741
Type: Antibody

Proper Citation

(BioLegend Cat# 808401 (also 808402, 808403), RRID:AB_2564741)

Antibody Information

URL: http://antibodyregistry.org/AB_2564741

Proper Citation: (BioLegend Cat# 808401 (also 808402, 808403), RRID:AB_2564741)

Target Antigen: Myelin Basic Protein

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IHC-P, WB, ICC
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Purified anti-Myelin Basic Protein

Description: This monoclonal targets Myelin Basic Protein

Target Organism: human, mouse, rat

Clone ID: Clone SMI 99

Antibody ID: AB_2564741

Vendor: BioLegend

Catalog Number: 808401 (also 808402, 808403)

Alternative Catalog Numbers: 808402, 808403

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Purified anti-Myelin Basic Protein.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Mulc D, et al. (2024) Fetal development of the human amygdala. The Journal of comparative neurology, 532(1), e25580.

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.

Li LY, et al. (2023) Chlorogenic acid alleviates hypoxic-ischemic brain injury in neonatal mice. Neural regeneration research, 18(3), 568.

Biundo F, et al. (2023) Trem2 Enhances Demyelination in the Csf1r+/- Mouse Model of Leukoencephalopathy. Biomedicines, 11(8).

Šimi? G, et al. (2022) Prenatal development of the human entorhinal cortex. The Journal of comparative neurology, 530(15), 2711.

Heo D, et al. (2022) Stage-specific control of oligodendrocyte survival and morphogenesis by TDP-43. eLife, 11.

Nazeri A, et al. (2022) Neurodevelopmental patterns of early postnatal white matter maturation represent distinct underlying microstructure and histology. Neuron, 110(23), 4015.

Festa L, et al. (2021) Protease Inhibitors, Saquinavir and Darunavir, Inhibit Oligodendrocyte Maturation: Implications for Lysosomal Stress. Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology, 16(1), 169.

Huang S, et al. (2021) Applying real-time monitoring of circadian oscillations in adult mouse brain slices to study communications between brain regions. STAR protocols, 2(2), 100416.

Zhang S, et al. (2021) The Wnt Effector TCF7l2 Promotes Oligodendroglial Differentiation by Repressing Autocrine BMP4-Mediated Signaling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(8), 1650.

Roth LM, et al. (2021) HIV-induced neuroinflammation inhibits oligodendrocyte maturation via glutamate-dependent activation of the PERK arm of the integrated stress response. Glia, 69(9), 2252.

Call CL, et al. (2021) Cortical neurons exhibit diverse myelination patterns that scale between mouse brain regions and regenerate after demyelination. Nature communications, 12(1), 4767.

Roth LM, et al. (2021) Differential effects of integrase strand transfer inhibitors, elvitegravir and raltegravir, on oligodendrocyte maturation: A role for the integrated stress response. Glia, 69(2), 362.

Allan KC, et al. (2021) Non-canonical Targets of HIF1a Impair Oligodendrocyte Progenitor Cell Function. Cell stem cell, 28(2), 257.

Keogh CE, et al. (2021) Myelin as a regulator of development of the microbiota-gut-brain axis. Brain, behavior, and immunity, 91, 437.

Zhang S, et al. (2021) HIF? Regulates Developmental Myelination Independent of Autocrine Wnt Signaling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(2), 251.

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

Huang S, et al. (2020) Demyelination Regulates the Circadian Transcription Factor BMAL1 to Signal Adult Neural Stem Cells to Initiate Oligodendrogenesis. Cell reports, 33(7), 108394.

Orthmann-Murphy J, et al. (2020) Remyelination alters the pattern of myelin in the cerebral cortex. eLife, 9.

Elitt MS, et al. (2020) Suppression of proteolipid protein rescues Pelizaeus-Merzbacher disease. Nature, 585(7825), 397.