

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

Anti-Olig-2 Antibody

RRID:AB_570666

Type: Antibody

Proper Citation

Millipore Cat# AB9610, RRID:AB_570666

Antibody Information

URL: http://antibodyregistry.org/AB_570666

Proper Citation: Millipore Cat# AB9610, RRID:AB_570666

Target Antigen: Olig-2

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: IC, IH, IH-P, IP, WB

Entry consolidated by curator with RRID: AB_10141047 on 7/24/17

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Anti-Olig-2 Antibody

Description: This polyclonal targets Olig-2

Target Organism: rat, mouse, human

Defining Citation: [PMID:21452201](#), [PMID:23504940](#)

Antibody ID: AB_570666

Vendor: Millipore

Catalog Number: AB9610

Record Creation Time: 20231110T080606+0000

Record Last Update: 20260829T063239+0000

Ratings and Alerts

- Independent validation by the NYU Langone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, 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 Anti-Olig-2 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 314 mentions in open access literature.

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

Yang H, et al. (2026) A Zdhhc22-mCherry BAC transgenic mouse line reveals neuronal expression dynamics in the developing and adult CNS. Brain structure & function, 231(2), 17.

Lago C, et al. (2026) Patient-derived ependymoma and medulloblastoma tumoroids: generation, biobanking and drug screening. Nature protocols.

Matmat K, et al. (2026) SIRT1 mediates brain metabolic and developmental consequences of methionine synthase deficiency in inborn errors of cobalamin metabolism. Cell reports. Medicine, 7(3), 102643.

Choi CI, et al. (2026) Regional Molecular Diversity in Chronic Spinal Cord Injury. Cellular and molecular neurobiology, 46(1).

Nemati S, et al. (2026) Therapeutic reactivation of hippocampal progenitors reverse cognition decline in mice with progressive brain demyelination. Stem cell reports, 21(5), 102896.

Duffy A, et al. (2026) Sex differences in somatosensory circuitry are programmed by developmental microglia-astrocyte interaction. Cell reports, 45(8), 117709.

Tian M, et al. (2026) Protocol for mouse vascular dementia model and evaluation of progressive tissue damage in subcortical white matter and adjacent cortex. STAR protocols, 7(1), 104396.

Xu YKT, et al. (2026) Brain-wide mapping of oligodendrocyte organization, oligodendrogenesis, and myelin injury. Cell, 189(5), 1535.

Scheinok TJ, et al. (2026) Transcranial alternating current stimulation at 10 Hz promotes oligodendrogenesis and reduces g-ratio after cuprizone-induced demyelination. *iScience*, 29(4), 115322.

Rey A, et al. (2026) An optimized method to visualize lipid droplets in mouse brain tissue. *Cell reports methods*, 6(6), 101455.

Xiong H, et al. (2026) MicroRNA-200s attenuate demyelination caused by *Angiostrongylus cantonensis* in a mouse model by targeting phosphatase and tensin homolog. *Neural regeneration research*, 21(6), 2599.

Dereddi RR, et al. (2026) Oligodendrocyte mechanotransduction channel TMEM63A regulates myelin sheath geometry. *Neuron*.

Alhama-Riba J, et al. (2026) Characterization of postnatal brain injury and behavioural deficits in a rat model of placental insufficiency-induced fetal growth restriction. *The Journal of physiology*.

Mendoza-Silva V, et al. (2026) The MacBrain Resource Center (MBRC) rhesus macaque postnatal brain histology datasets: Enabling new discoveries through NHP tissue and digital data Repositories. *Journal of anatomy*.

Ezquerro-Herce S, et al. (2026) Cannabinoid CB1 receptors drive oligodendrocyte maturation during myelin regeneration. *Cell communication and signaling : CCS*, 24(1).

Cook AK, et al. (2026) Human TDP-43 expression worsens FTD-related phenotypes in progranulin-insufficient mice. *Neurobiology of disease*, 227, 107475.

Matera A, et al. (2025) Microglial lipid phosphatase SHIP1 limits complement-mediated synaptic pruning in the healthy developing hippocampus. *Immunity*, 58(1), 197.

Tian M, et al. (2025) Deconstructing the intercellular interactome in vascular dementia with focal ischemia for therapeutic applications. *Cell*.

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. *Cell reports. Medicine*, 6(3), 101986.

Ding X, et al. (2025) OASIS: in vivo AAV-mediated transduction and genome editing of adult oligodendrocytes. *bioRxiv : the preprint server for biology*.