Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 13, 2025

ANTI-OLIG-2

RRID:AB_570666
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# AB9610, RRID:AB_570666)

Antibody Information

URL: http://antibodyregistry.org/AB_570666

Proper Citation: (Sigma-Aldrich Cat# AB9610, RRID:AB_570666)

Target Antigen: Oligodendrocute transcription factor 2

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: immunocytochemistry, immunohistochemistry (formalin-fixed, paraffin-embedded sections), immunoprecipitation (IP), western blot

Antibody Name: ANTI-OLIG-2

Description: This polyclonal targets Oligodendrocute transcription factor 2

Target Organism: rat, mouse

Antibody ID: AB_570666

Vendor: Sigma-Aldrich

Catalog Number: AB9610

Record Creation Time: 20241016T231058+0000

Record Last Update: 20241017T001158+0000

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: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.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 285 mentions in open access literature.

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

Bosquez Huerta NA, et al. (2025) Sex-specific astrocyte regulation of spinal motor circuits by Nkx6.1. Cell reports, 44(1), 115121.

Choi Y, et al. (2025) Blood-derived APLP1+ extracellular vesicles are potential biomarkers for the early diagnosis of brain diseases. Science advances, 11(1), eado6894.

Walvekar AS, et al. (2025) Failure to repair damaged NAD(P)H blocks de novo serine synthesis in human cells. Cellular & molecular biology letters, 30(1), 3.

Rao A, et al. (2025) Microglia depletion reduces human neuronal APOE4-related pathologies in a chimeric Alzheimer's disease model. Cell stem cell, 32(1), 86.

Fan Q, et al. (2024) Modeling the precise interaction of glioblastoma with human brain region-specific organoids. iScience, 27(3), 109111.

Hall ET, et al. (2024) Cytoneme signaling provides essential contributions to mammalian tissue patterning. Cell, 187(2), 276.

Zhang Y, et al. (2024) PRRC2B modulates oligodendrocyte progenitor cell development and myelination by stabilizing Sox2 mRNA. Cell reports, 43(3), 113930.

Hsu HC, et al. (2024) LncRNA Litchi is a regulator for harmonizing maturity and resilient functionality in spinal motor neurons. iScience, 27(3), 109207.

Foerster S, et al. (2024) Developmental origin of oligodendrocytes determines their function in the adult brain. Nature neuroscience, 27(8), 1545.

Lazzarini G, et al. (2024) Glial cells are affected more than interneurons by the loss of

Engrailed 2 gene in the mouse cerebellum. Journal of anatomy, 244(4), 667.

Clain J, et al. (2024) Metabolic disorders exacerbate the formation of glial scar after stroke. The European journal of neuroscience, 59(11), 3009.

Giannelli SG, et al. (2024) New AAV9 engineered variants with enhanced neurotropism and reduced liver off-targeting in mice and marmosets. iScience, 27(5), 109777.

Ren SY, et al. (2024) Growth hormone promotes myelin repair after chronic hypoxia via triggering pericyte-dependent angiogenesis. Neuron, 112(13), 2177.

Li J, et al. (2024) Lateral/caudal ganglionic eminence makes limited contribution to cortical oligodendrocytes. eLife, 13.

Arceneaux JS, et al. (2024) Multiparameter quantitative analyses of diagnostic cells in brain tissues from tuberous sclerosis complex. Cytometry. Part B, Clinical cytometry.

Gao Y, et al. (2024) Reduced Expression of Oligodendrocyte Linage-Enriched Transcripts During the Endoplasmic Reticulum Stress/Integrated Stress Response. ASN neuro, 16(1), 2371162.

Xie Y, et al. (2024) Transforming growth factor-?1 protects against white matter injury and reactive astrogliosis via the p38 MAPK pathway in rodent demyelinating model. Journal of neurochemistry, 168(2), 83.

Miyazaki Y, et al. (2024) Oligodendrocyte-derived LGI3 and its receptor ADAM23 organize juxtaparanodal Kv1 channel clustering for short-term synaptic plasticity. Cell reports, 43(1), 113634.

Day CA, et al. (2024) The histone H3.3 K27M mutation suppresses Ser31phosphorylation and mitotic fidelity, which can directly drive gliomagenesis. Current biology : CB.

Ma T, et al. (2024) Mea6/cTAGE5 cooperates with TRAPPC12 to regulate PTN secretion and white matter development. iScience, 27(3), 109180.