Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 23, 2024

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: human, mouse, rat

Defining Citation: PMID:21452201, PMID:23504940

Antibody ID: AB_570666

Vendor: Millipore

Catalog Number: AB9610

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 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 262 mentions in open access literature.

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

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

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.

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.

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.

Lépine S, et al. (2024) Homozygous ALS-linked mutations in TARDBP/TDP-43 lead to hypoactivity and synaptic abnormalities in human iPSC-derived motor neurons. iScience, 27(3), 109166.

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

Ghosh T, et al. (2024) A retroviral link to vertebrate myelination through retrotransposon-RNA-mediated control of myelin gene expression. Cell, 187(4), 814.

Alderman PJ, et al. (2024) Delayed maturation and migration of excitatory neurons in the juvenile mouse paralaminar amygdala. Neuron, 112(4), 574.

Byrnes AE, et al. (2024) A fluorescent splice-switching mouse model enables high-throughput, sensitive quantification of antisense oligonucleotide delivery and activity. Cell reports methods, 4(1), 100673.

Göbel C, et al. (2024) SMARCA4 loss and mutated ?-catenin induce proliferative lesions in the murine embryonic cerebellum. The Journal of neuroscience : the official journal of the Society for Neuroscience.

Foucault L, et al. (2024) Neonatal brain injury unravels transcriptional and signaling changes underlying the reactivation of cortical progenitors. Cell reports, 43(2), 113734.

Hendriks D, et al. (2024) Human fetal brain self-organizes into long-term expanding organoids. Cell, 187(3), 712.

Cheung G, et al. (2024) Multipotent progenitors instruct ontogeny of the superior colliculus. Neuron, 112(2), 230.

Harkany T, et al. (2024) Molecularly stratified hypothalamic astrocytes are cellular foci for obesity. Research square.

Kresbach C, et al. (2023) Intraventricular SHH inhibition proves efficient in SHH medulloblastoma mouse model and prevents systemic side effects. Neuro-oncology.

Simpson Ragdale H, et al. (2023) Injury primes mutation-bearing astrocytes for dedifferentiation in later life. Current biology : CB, 33(6), 1082.

Liu Z, et al. (2023) Astrocytic response mediated by the CLU risk allele inhibits OPC proliferation and myelination in a human iPSC model. Cell reports, 42(8), 112841.