Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

APC antibody [CC-1]

RRID:AB_443473
Type: Antibody

Proper Citation

(Abcam Cat# ab16794, RRID:AB_443473)

Antibody Information

URL: http://antibodyregistry.org/AB_443473

Proper Citation: (Abcam Cat# ab16794, RRID:AB_443473)

Target Antigen: APC antibody [CC-1]

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:2;2b Immunohistochemistry; Immunohistochemistry - fixed; Immunofluorescence; Immunocytochemistry; Immunohistochemistry - frozen; ICC/IF, IHC-Fr, IHC-P

Antibody Name: APC antibody [CC-1]

Description: This monoclonal targets APC antibody [CC-1]

Target Organism: monkey, rat, mouse, human

Defining Citation: PMID:18615534

Antibody ID: AB_443473

Vendor: Abcam

Catalog Number: ab16794

Record Creation Time: 20241016T232256+0000

Record Last Update: 20241017T003440+0000

Ratings and Alerts

No rating or validation information has been found for APC antibody [CC-1].

No alerts have been found for APC antibody [CC-1].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Chen S, et al. (2024) 5Z-7-Oxozaenol attenuates cuprizone-induced demyelination in mice through microglia polarization regulation. Brain and behavior, 14(4), e3487.

Altunay ZM, et al. (2024) C1ql1 expression in oligodendrocyte progenitor cells promotes oligodendrocyte differentiation. The FEBS journal.

Fujimoto SH, et al. (2024) Deep brain stimulation induces white matter remodeling and functional changes to brain-wide networks. bioRxiv : the preprint server for biology.

Bery A, et al. (2023) XLF/Cernunnos loss impairs mouse brain development by altering symmetric proliferative divisions of neural progenitors. Cell reports, 42(4), 112342.

Forston MD, et al. (2023) Enhanced oxidative phosphorylation, re-organized intracellular signaling, and epigenetic de-silencing as revealed by oligodendrocyte translatome analysis after contusive spinal cord injury. Research square.

Forston MD, et al. (2023) Enhanced oxidative phosphorylation, re-organized intracellular signaling, and epigenetic de-silencing as revealed by oligodendrocyte translatome analysis after contusive spinal cord injury. Scientific reports, 13(1), 21254.

Rowland ME, et al. (2023) Systemic and intrinsic functions of ATRX in glial cell fate and CNS myelination in male mice. Nature communications, 14(1), 7090.

Abdelwahab T, et al. (2023) Cytotoxic CNS-associated T cells drive axon degeneration by targeting perturbed oligodendrocytes in PLP1 mutant mice. iScience, 26(5), 106698.

Hasan M, et al. (2023) Chemogenetic activation of astrocytes promotes remyelination and restores cognitive deficits in visceral hypersensitive rats. iScience, 26(1), 105840.

Velasco-Estevez M, et al. (2022) Mechanoreceptor Piezo1 Is Downregulated in Multiple Sclerosis Brain and Is Involved in the Maturation and Migration of Oligodendrocytes in vitro.

Frontiers in cellular neuroscience, 16, 914985.

Jindachomthong K, et al. (2022) White matter abnormalities in the Hdc knockout mouse, a model of tic and OCD pathophysiology. Frontiers in molecular neuroscience, 15, 1037481.

Bauch J, et al. (2022) Tenascins Interfere With Remyelination in an Ex Vivo Cerebellar Explant Model of Demyelination. Frontiers in cell and developmental biology, 10, 819967.

Kawai M, et al. (2021) Long-term selective stimulation of transplanted neural stem/progenitor cells for spinal cord injury improves locomotor function. Cell reports, 37(8), 110019.

Murugappan SK, et al. (2021) Trigeminal neuropathy causes hypomyelination in the anterior cingulate cortex, disrupts the synchrony of neural circuitry, and impairs decision-making in male rats. Journal of neuroscience research, 99(10), 2721.

Uccelli NA, et al. (2021) Neurobiological substrates underlying corpus callosum hypoconnectivity and brain metabolic patterns in the valproic acid rat model of autism spectrum disorder. Journal of neurochemistry, 159(1), 128.

Gould E, et al. (2021) SCN2A contributes to oligodendroglia excitability and development in the mammalian brain. Cell reports, 36(10), 109653.

Philips T, et al. (2021) MCT1 Deletion in Oligodendrocyte Lineage Cells Causes Late-Onset Hypomyelination and Axonal Degeneration. Cell reports, 34(2), 108610.

Mei R, et al. (2021) Evidence That ITPR2-Mediated Intracellular Calcium Release in Oligodendrocytes Regulates the Development of Carbonic Anhydrase II + Type I/II Oligodendrocytes and the Sizes of Myelin Fibers. Frontiers in cellular neuroscience, 15, 751439.

Klejbor I, et al. (2021) EBI2 is expressed in glial cells in multiple sclerosis lesions, and its knock-out modulates remyelination in the cuprizone model. The European journal of neuroscience, 54(3), 5173.

Park CS, et al. (2020) Gallic acid attenuates blood-spinal cord barrier disruption by inhibiting Jmjd3 expression and activation after spinal cord injury. Neurobiology of disease, 145, 105077.