

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 19, 2025

Oligodendrocyte Specific Protein antibody

RRID:AB_2276205

Type: Antibody

Proper Citation

(Abcam Cat# ab53041, RRID:AB_2276205)

Antibody Information

URL: http://antibodyregistry.org/AB_2276205

Proper Citation: (Abcam Cat# ab53041, RRID:AB_2276205)

Target Antigen: Oligodendrocyte Specific Protein

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunohistochemistry; Western Blot; ELISA, Immunohistochemistry (PFA fixed), Immunohistochemistry-Fr, Western Blot

Antibody Name: Oligodendrocyte Specific Protein antibody

Description: This polyclonal targets Oligodendrocyte Specific Protein

Target Organism: mouse, human

Antibody ID: AB_2276205

Vendor: Abcam

Catalog Number: ab53041

Record Creation Time: 20231110T042806+0000

Record Last Update: 20241115T131058+0000

Ratings and Alerts

No rating or validation information has been found for Oligodendrocyte Specific Protein antibody.

No alerts have been found for Oligodendrocyte Specific Protein antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Ishibashi K, et al. (2024) Astrocyte-induced mGluR1 activates human lung cancer brain metastasis via glutamate-dependent stabilization of EGFR. *Developmental cell*, 59(5), 579.

Nishimura Y, et al. (2023) Early and extensive alterations of glial connexins, distal oligodendroglipathy type demyelination, and nodal/paranodal pathology are characteristic of multiple system atrophy. *Brain pathology (Zurich, Switzerland)*, 33(3), e13131.

Plá V, et al. (2023) Structural characterization of SLYM-a 4th meningeal membrane. *Fluids and barriers of the CNS*, 20(1), 93.

Webb SM, et al. (2022) The incubation of cocaine craving is dissociated from changes in glial cell markers within prefrontal cortex and nucleus accumbens of rats. *Addiction neuroscience*, 3.

Kaczmarczyk L, et al. (2021) Slc1a3-2A-CreERT2 mice reveal unique features of Bergmann glia and augment a growing collection of Cre drivers and effectors in the 129S4 genetic background. *Scientific reports*, 11(1), 5412.

Zhu Q, et al. (2021) Rack1 is essential for corticogenesis by preventing p21-dependent senescence in neural stem cells. *Cell reports*, 36(9), 109639.

Escande-Beillard N, et al. (2020) Loss of PYCR2 Causes Neurodegeneration by Increasing Cerebral Glycine Levels via SHMT2. *Neuron*, 107(1), 82.

Goncalves MB, et al. (2019) Regulation of Myelination by Exosome Associated Retinoic Acid Release from NG2-Positive Cells. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(16), 3013.

Ogrodnik M, et al. (2019) Obesity-Induced Cellular Senescence Drives Anxiety and Impairs Neurogenesis. *Cell metabolism*, 29(5), 1061.

Chen H, et al. (2017) Rescue of PFOS-induced human Sertoli cell injury by overexpressing a p-FAK-Y407E phosphomimetic mutant. *Scientific reports*, 7(1), 15810.

Shibata S, et al. (2016) Hepatocyte Growth Factor-c-MET Signaling Mediates the Development of Nonsensory Structures of the Mammalian Cochlea and Hearing. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 36(31), 8200.