

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

CNPase antibody [11-5B] - Oligodendrocyte Marker

RRID:AB_2082593

Type: Antibody

Proper Citation

Abcam Cat# ab6319, RRID:AB_2082593

Antibody Information

URL: http://antibodyregistry.org/AB_2082593

Proper Citation: Abcam Cat# ab6319, RRID:AB_2082593

Target Antigen: CNPase antibody [11-5B] - Oligodendrocyte Marker

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunohistochemistry - frozen; Immunoprecipitation; Immunofluorescence; Immunohistochemistry; Dot Blot; Immunohistochemistry - fixed; Other; Western Blot; Immunocytochemistry; Conjugation, Dot, ELISA, ICC, ICC/IF, IHC-FoFr, IHC-Fr, IHC-P, IP, WB

Antibody Name: CNPase antibody [11-5B] - Oligodendrocyte Marker

Description: This monoclonal targets CNPase antibody [11-5B] - Oligodendrocyte Marker

Target Organism: rat, mouse, human

Defining Citation: [PMID:19296475](https://pubmed.ncbi.nlm.nih.gov/19296475/)

Antibody ID: AB_2082593

Vendor: Abcam

Catalog Number: ab6319

Record Creation Time: 20231110T081438+0000

Record Last Update: 20260829T115822+0000

Ratings and Alerts

No rating or validation information has been found for CNPase antibody [11-5B] - Oligodendrocyte Marker.

No alerts have been found for CNPase antibody [11-5B] - Oligodendrocyte Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Can M, et al. (2026) Intrathecal delivery of AAVrh10-mHexa combined with anti-inflammatory treatment reduces neuropathological markers and extends the lifespan of mice with early-onset Tay-Sachs disease. *Metabolic brain disease*, 41(1).

Li D, et al. (2026) A gain-of-function Retsat variant from high-altitude adaptation promotes myelination via a neuronal dihydroretinoic acid-RXR-? pathway. *Neuron*, 114(10), 1782.

de la Monte SM, et al. (2026) Molecular and biochemical correlates of frontal lobe white matter degeneration in humans with alcohol use disorder. *Advances in drug and alcohol research*, 6, 15431.

Kaddatz H, et al. (2026) Loss of oligodendrocyte transcription factor 2 protein expression in metabolically stressed oligodendrocytes. *Acta neuropathologica*, 151(1).

de la Monte SM, et al. (2025) Molecular and biochemical pathologies in human alcohol-related cerebellar white matter degeneration. *Advances in drug and alcohol research*, 5, 15342.

Tong M, et al. (2025) Progressive Alcohol-Related Brain Atrophy and White Matter Pathology Are Linked to Long-Term Inhibitory Effects on mTOR Signaling. *Biomolecules*, 15(3).

Huang LY, et al. (2025) Maintaining moderate levels of hypochlorous acid promotes neural stem cell proliferation and differentiation in the recovery phase of stroke. *Neural regeneration research*, 20(3), 845.

Dai W, et al. (2025) A neuronal Slit1-dependent program rescues oligodendrocyte differentiation and myelination under chronic hypoxic conditions. *Cell reports*, 44(4), 115467.

Deng Y, et al. (2025) Nuclear receptor 4A1 facilitates complete Freund's adjuvant-induced inflammatory pain in rats by promoting ferroptosis in spinal glial cells. *Brain, behavior, and immunity*, 125, 92.

Kang P, et al. (2025) NF- κ B-mediated developmental delay extends lifespan in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 122(19), e2420811122.

Ries C, et al. (2025) Neuropeptide CRH prevents premature differentiation of OPCs following CNS injury and in early postnatal development. *Cell reports*, 44(11), 116474.

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

Zhang F, et al. (2024) Artemisinin attenuates perinatal inflammation and consequent oxidative stress in oligodendrocyte precursor cells by inhibiting IRAK-4 and IRAK-1. *International immunopharmacology*, 142(Pt B), 113117.

Liang X, et al. (2024) LncRNA TubAR complexes with TUBB4A and TUBA1A to promote microtubule assembly and maintain myelination. *Cell discovery*, 10(1), 54.

Li Z, et al. (2024) Akt/mTOR Pathway Agonist SC79 Inhibits Autophagy and Apoptosis of Oligodendrocyte Precursor Cells Associated with Neonatal White Matter Dysplasia. *Neurochemical research*, 49(3), 670.

Li ZY, et al. (2023) Chronic spinal cord compression associated with intervertebral disc degeneration in SPARC-null mice. *Neural regeneration research*, 18(3), 634.

Li L, et al. (2023) Nuclear import carrier Hkeshi cooperates with HSP70 to promote murine oligodendrocyte differentiation and CNS myelination. *Developmental cell*, 58(21), 2275.

Deng YF, et al. (2023) Intrathecal liproxstatin-1 delivery inhibits ferroptosis and attenuates mechanical and thermal hypersensitivities in rats with complete Freund's adjuvant-induced inflammatory pain. *Neural regeneration research*, 18(2), 456.

Marian OC, et al. (2023) Disrupted myelin lipid metabolism differentiates frontotemporal dementia caused by GRN and C9orf72 gene mutations. *Acta neuropathologica communications*, 11(1), 52.

Chao AS, et al. (2023) 20- β -Hydroxycholesterol, an oxysterol in human breast milk, reverses mouse neonatal white matter injury through Gli-dependent oligodendrogenesis. *Cell stem cell*, 30(8), 1054.