Resource Summary Report

Generated by NIF on Sep 2, 2026

NeuN (D4G4O) XP(R) Rabbit mAb #24307

RRID:AB_2651140
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 24307, RRID:AB_2651140)

Antibody Information

URL: http://antibodyregistry.org/AB_2651140

Proper Citation: (Cell Signaling Technology Cat# 24307, RRID:AB_2651140)

Target Antigen: NeuN

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-F

Antibody Name: NeuN (D4G4O) XP(R) Rabbit mAb #24307

Description: This monoclonal targets NeuN

Clone ID: D4G4O

Antibody ID: AB_2651140

Vendor: Cell Signaling Technology

Catalog Number: 24307

Alternative Catalog Numbers: 24307S

Record Creation Time: 20260218T231545+0000

Record Last Update: 20260828T171149+0000

Ratings and Alerts

No rating or validation information has been found for NeuN (D4G4O) XP(R) Rabbit mAb #24307.

No alerts have been found for NeuN (D4G4O) XP(R) Rabbit mAb #24307.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 86 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Zhang X, et al. (2026) Synapses and dendritic spines are eliminated in the primary visual cortex of mice subjected to chronic intraocular pressure elevation. Neural regeneration research, 21(3), 1236.

Øhlenschlæger MS, et al. (2026) Multi-omic analysis of guided and unguided forebrain organoids reveals differences in cellular composition and metabolic profiles. Cell reports methods, 6(2), 101295.

Zhu X, et al. (2026) Generating LGE/CGE Organoids from Human Pluripotent Stem Cell-derived Brain Organoids Without External Signal Induction. Cell reports, 45(1), 116780.

Luo H, et al. (2026) Low-density lipoprotein receptor-related protein 1 mediates ?-synuclein transmission from the striatum to the substantia nigra in animal models of Parkinson's disease. Neural regeneration research, 21(4), 1595.

Somasundaram P, et al. (2026) Coordinated stimulation of axon regenerative and neurodegenerative transcriptional programs by ATF4 following optic nerve injury. eLife, 12.

Lorenz SM, et al. (2026) A fin-loop-like structure in GPX4 underlies neuroprotection from ferroptosis. Cell, 189(1), 287.

Boyle BR, et al. (2026) Protocol for inducing focal striatal stroke in mice using photothrombosis. STAR protocols, 7(2), 104487.

Guo P, et al. (2026) An improved method for high-purity isolation of oligodendrocytes from neonatal and adult mouse brain. iScience, 29(5), 115841.

Mosti F, et al. (2026) Species-specific chromatin architecture and neurogenesis mediated by a human enhancer. Cell stem cell, 33(4), 695.

Sun Y, et al. (2026) Early HMGB1 Inhibition Reduces Hippocampal Injury During Adolescence in a Young Mouse Model of Radiation-Induced Brain Injury. Cellular and molecular neurobiology, 46(1).

Yao T, et al. (2026) Hypothalamic malate dehydrogenase 2 modulates systemic glucose metabolism through oxytocin-mediated thermogenesis. Cell reports. Medicine, 7(2), 102616.

Huang H, et al. (2026) Neuronal Cholesterol Deficiency Mediated by Astrocytic SREBP2 Downregulation Leads to Postoperative Cognitive Dysfunction Through Impairment of Hippocampal Synaptic Plasticity and Excitatory Synaptic Transmission. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(23), e19874.

Fan Q, et al. (2026) Endothelial IRE1 signaling maintains blood-brain barrier integrity and limits neuroinflammation after traumatic brain injury. Cell death & disease, 17(1), 210.

Gudenas BL, et al. (2026) A tumor-associated photoreceptor signature unifies distinct central nervous system malignancies. Cancer cell, 44(4), 831.

Zhao W, et al. (2026) Neuronal Igfbp2 deficiency in the prefrontal cortex impairs cognition through synaptic dysfunction in male mice. iScience, 29(5), 115629.

Yao H, et al. (2026) Piriform cortex gates learned fear through a brain-spleen neuroimmune axis. Neuron.

Shiers S, et al. (2026) NaV1.7 mRNA and Protein Expression in Resident Neurons of the Human Spinal Dorsal Horn. The Journal of comparative neurology, 534(5), e70168.

Liu H, et al. (2026) C9orf72 hexanucleotide repeat RNA drives transcriptional dysregulation through genome-wide DNA:RNA hybrid G-quadruplexes. Neuron, 114(6), 1045.

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).

Copley KE, et al. (2026) Short RNA chaperones promote aggregation-resistant TDP-43 conformers to mitigate neurodegeneration. Science (New York, N.Y.), 392(6798), eadv3301.