

Resource Summary Report

Generated by ASWG on Aug 11, 2026

NeuN (D3S3I) Rabbit mAb

RRID:AB_2630395

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 12943, RRID:AB_2630395

Antibody Information

URL: http://antibodyregistry.org/AB_2630395

Proper Citation: Cell Signaling Technology Cat# 12943, RRID:AB_2630395

Target Antigen: NeuN

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB, IF-F

Antibody Name: NeuN (D3S3I) Rabbit mAb

Description: This recombinant monoclonal targets NeuN

Target Organism: rat, mouse, human

Clone ID: D3S3I

Antibody ID: AB_2630395

Vendor: Cell Signaling Technology

Catalog Number: 12943

Record Creation Time: 20250820T025727+0000

Record Last Update: 20250820T145823+0000

Ratings and Alerts

No rating or validation information has been found for NeuN (D3S3I) Rabbit mAb.

No alerts have been found for NeuN (D3S3I) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 55 mentions in open access literature.

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

Gao X, et al. (2026) Nanoparticles hijack calvarial immune cells for CNS drug delivery and stroke therapy. *Cell*, 189(5), 1341.

Ye Y, et al. (2026) DCPS modulates TDP-43-linked neurodegeneration through P-body-mediated RNA decay. *Neuron*, 114(11), 1970.

Gafiyatullina G, et al. (2026) Selenoprotein P deletion ameliorates metabolic stress-associated anxiety-like behavior in male mice. *Endocrinology*, 167(2).

Han DY, et al. (2026) Multi-target neuroprotective effects of Yukgunja-Tang (Liujunzi Decoction) in a mouse model of vascular dementia: Behavioral, glial, and transcriptomic evidence. *Metabolic brain disease*, 41(1).

Kim H, et al. (2026) Myelin antigen capture in the CNS by B cells expressing EBV latent membrane protein 1 leads to demyelinating lesion formation. *Cell*.

Mortimer AJ, et al. (2026) Comparison of AAV9-driven motor neuron transduction following different CNS-directed delivery methods in mice. *Scientific reports*, 16(1).

Rifkin RA, et al. (2025) A selective small-molecule agonist of G protein-gated inwardly-rectifying potassium channels reduces epileptiform activity in mouse models of tumor-associated and provoked seizures. *Neuropharmacology*, 265, 110259.

Jeon MT, et al. (2025) TNF- α -NF- κ B activation through pathological α -Synuclein disrupts the BBB and exacerbates axonopathy. *Cell reports*, 44(7), 116001.

Ribeiro-Rodrigues L, et al. (2025) Cleavage of the TrkB-FL receptor during epileptogenesis: insights from a kainic acid-induced model of epilepsy and human samples. *Pharmacological research*, 215, 107707.

Goldberg AR, et al. (2025) Glioma-induced alterations in excitatory neurons are reversed by mTOR inhibition. *Neuron*, 113(6), 858.

Zhang Z, et al. (2025) PTP γ -mediated PI3P regulation modulates neurodegeneration in C9ORF72-ALS/FTD. *Neuron*, 113(8), 1190.

Sun X, et al. (2025) Cell Adhesion Molecule Protocadherin- γ C5 Ameliorates A β Plaque Pathogenesis by Modulating Astrocyte Function in Alzheimer's Disease. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(10).

Zhang Y, et al. (2025) Neurons sequester the cholesterol-inhibiting TFEB in oligodendrocyte cytoplasm to safeguard myelination and neural function. *Cell reports*, 44(9), 116252.

Wu L, et al. (2025) Protocol for identification of cell-surface proteins with horseradish peroxidase. *STAR protocols*, 6(4), 104255.

Wu L, et al. (2025) The cell-surface shared proteome of astrocytes and neurons and the molecular foundations of their multicellular interactions. *Neuron*, 113(16), 2599.

Su M, et al. (2024) Synaptic adhesion molecule protocadherin- γ C5 mediates γ -amyloid-induced neuronal hyperactivity and cognitive deficits in Alzheimer's disease. *Journal of neurochemistry*.

Martin Flores N, et al. (2024) Downregulation of Dickkopf-3, a Wnt antagonist elevated in Alzheimer's disease, restores synapse integrity and memory in a disease mouse model. *eLife*, 12.

Morrison LM, et al. (2024) Increased intrinsic membrane excitability is associated with olivary hypertrophy in spinocerebellar ataxia type 1. *Human molecular genetics*, 33(24), 2159.

Fritzsche B, et al. (2024) *Irx3/5* Null Deletion in Mice Blocks Cochlea-Sacculle Segregation and Disrupts the Auditory Tonotopic Map. *The Journal of comparative neurology*, 532(12), e70008.

Kang J, et al. (2024) Cell-autonomous role of leucine-rich repeat kinase in the protection of dopaminergic neuron survival. *eLife*, 12.