Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 1, 2025

Anti-NeuN

RRID:AB_2298772
Type: Antibody

Proper Citation

(Millipore Cat# MAB377, RRID:AB_2298772)

Antibody Information

URL: http://antibodyregistry.org/AB_2298772

Proper Citation: (Millipore Cat# MAB377, RRID:AB_2298772)

Target Antigen: NeuN

Host Organism: mouse

Clonality: monoclonal

Comments: Note - This antibody may be under Chemicon, Millipore, EMD Millipore, Merck, Merck-Millipore or Sigma/Merck/Millipore
Applications: FC, IC, IF, IH, IH(P), IP and WB
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE
Consolidation 6/2023: AB_11210778

Antibody Name: Anti-NeuN

Description: This monoclonal targets NeuN

Target Organism: chicken, rat, salamander, avian, pig, mouse, ferret, human

Clone ID: A60

Defining Citation: PMID:23296594, PMID:19399893, PMID:25305665, PMID:23602964, PMID:25160573

Antibody ID: AB_2298772

Vendor: Millipore

Catalog Number: MAB377

Record Creation Time: 20231110T081727+0000

Record Last Update: 20241114T231718+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Anti-NeuN.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 1212 mentions in open access literature.

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

Choi Y, et al. (2025) Blood-derived APLP1+ extracellular vesicles are potential biomarkers for the early diagnosis of brain diseases. Science advances, 11(1), eado6894.

Zheng J, et al. (2025) Endoplasmic reticulum stress and autophagy in cerebral ischemia/reperfusion injury: PERK as a potential target for intervention. Neural regeneration research, 20(5), 1455.

Bosquez Huerta NA, et al. (2025) Sex-specific astrocyte regulation of spinal motor circuits by Nkx6.1. Cell reports, 44(1), 115121.

Castro RW, et al. (2024) Aging spinal cord microglia become phenotypically heterogeneous and preferentially target motor neurons and their synapses. Glia, 72(1), 206.

Rodriguez D, et al. (2024) Therapeutic Delivery of Soluble Fractalkine Ameliorates Vascular Dysfunction in the Diabetic Retina. International journal of molecular sciences, 25(3).

Kawatake-Kuno A, et al. (2024) Sustained antidepressant effects of ketamine metabolite involve GABAergic inhibition-mediated molecular dynamics in aPVT glutamatergic neurons. Neuron.

Benedict J, et al. (2024) The lateral habenula is required for maternal behavior in the mouse dam. bioRxiv : the preprint server for biology.

Nimpf S, et al. (2024) Long-term, high-resolution in vivo calcium imaging in pigeons. Cell reports methods, 4(2), 100711.

Jörgensen SK, et al. (2024) An analogue of the Prolactin Releasing Peptide reduces obesity and promotes adult neurogenesis. EMBO reports, 25(1), 351.

Cui Y, et al. (2024) Chromatin target of protein arginine methyltransferases alleviates cerebral ischemia/reperfusion-induced injury by regulating RNA alternative splicing. iScience, 27(1), 108688.

Kashiwagi M, et al. (2024) A pontine-medullary loop crucial for REM sleep and its deficit in Parkinson's disease. Cell, 187(22), 6272.

Atapour N, et al. (2024) Distribution of calbindin-positive neurons across areas and layers of the marmoset cerebral cortex. PLoS computational biology, 20(9), e1012428.

Xia M, et al. (2024) Elevated IL-22 as a result of stress-induced gut leakage suppresses septal neuron activation to ameliorate anxiety-like behavior. Immunity.

Jaeger ECB, et al. (2024) Adeno-associated viral tools to trace neural development and connectivity across amphibians. Developmental cell.

Krontira AC, et al. (2024) Human cortical neurogenesis is altered via glucocorticoid-mediated regulation of ZBTB16 expression. Neuron.

Vázquez-Liébanas E, et al. (2024) Mosaic deletion of claudin-5 reveals rapid non-cell-autonomous consequences of blood-brain barrier leakage. Cell reports, 43(3), 113911.

O'Brien JA, et al. (2024) Minocycline Abrogates Individual Differences in Nerve Injury-Evoked Affective Disturbances in Male Rats and Prevents Associated Supraspinal Neuroinflammation. Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology, 19(1), 30.

Ifejeokwu OV, et al. (2024) Immune Checkpoint Inhibition-related Neuroinflammation Disrupts Cognitive Function. bioRxiv : the preprint server for biology.

Irala D, et al. (2024) Astrocyte-secreted neurocan controls inhibitory synapse formation and function. Neuron, 112(10), 1657.

Fessler JL, et al. (2024) The Spinocerebellar Ataxia 34-Causing W246G ELOVL4 Mutation Does Not Alter Cerebellar Neuron Populations in a Rat Model. Cerebellum (London, England), 23(5), 2082.