

Resource Summary Report

Generated by [dkNET](#) on Aug 8, 2026

Anti-MAP2

RRID:AB_571049

Type: Antibody

Proper Citation

Millipore Cat# AB5543, RRID:AB_571049

Antibody Information

URL: http://antibodyregistry.org/AB_571049

Proper Citation: Millipore Cat# AB5543, RRID:AB_571049

Target Antigen: MAP2

Host Organism: chicken

Clonality: polyclonal

Comments: seller recommendations: Immunohistochemistry; Western Blot; Immunocytochemistry; IC, IH, WB

Antibody Name: Anti-MAP2

Description: This polyclonal targets MAP2

Target Organism: r

Defining Citation: [PMID:17278136](#), [PMID:17072833](#)

Antibody ID: AB_571049

Vendor: Millipore

Catalog Number: AB5543

Record Creation Time: 20250819T235235+0000

Record Last Update: 20250820T064139+0000

Ratings and Alerts

No rating or validation information has been found for Anti-MAP2.

No alerts have been found for Anti-MAP2.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

O'Callaghan B, et al. (2026) Glucose concentration of neuronal media formulations influences PINK1-dependent mitophagy in human iNeurons. *Autophagy reports*, 5(1), 2685472.

Chen CL, et al. (2026) Glibenclamide attenuates neuronal pyroptosis by modulating KATP channels in the hippocampus of palmitic acid-induced lipotoxic mice. *Biomedical journal*, 100972.

Boreland AJ, et al. (2025) Ethanol induces neuroimmune dysregulation and soluble TREM2 generation in a human iPSC neuron, astrocyte, microglia triculture model. *bioRxiv : the preprint server for biology*.

van Voorst TW, et al. (2025) One-step induction of human GABAergic neurons promotes presynaptic development & synapse maturation. *bioRxiv : the preprint server for biology*.

Cai H, et al. (2025) Vascular network-inspired diffusible scaffolds for engineering functional midbrain organoids. *Cell stem cell*, 32(5), 824.

Wong KKL, et al. (2025) Protocol for the generation of three-dimensional micropatterned neuroepithelial tissues using hPSCs, bioprinting, and matrix scaffolds. *STAR protocols*, 6(4), 104196.

Sitron CS, et al. (2025) α -Synuclein aggregates inhibit ESCRT-III through sequestration and collateral degradation. *Molecular cell*.

Imani Farahani N, et al. (2025) High-throughput bioprinting to produce micropatterned neuroepithelial tissues and model TSC2-deficient brain malformations. *Cell reports methods*, 101177.

Tieze SM, et al. (2025) Molecular elucidation of brain lipofuscin in aging and Neuronal Ceroid Lipofuscinosis. *Research square*.

Li X, et al. (2024) Polygenic risk for alcohol use disorder affects cellular responses to ethanol exposure in a human microglial cell model. *Science advances*, 10(45), eado5820.

Vatsa N, et al. (2024) Network analysis of α -synuclein pathology progression reveals p21-activated kinases as regulators of vulnerability. *bioRxiv : the preprint server for biology*.

Boreland AJ, et al. (2024) Sustained type I interferon signaling after human immunodeficiency virus type 1 infection of human iPSC derived microglia and cerebral organoids. *iScience*, 27(5), 109628.

Naderi Yeganeh P, et al. (2024) Integrative pathway analysis across humans and 3D cellular models identifies the p38 MAPK-MK2 axis as a therapeutic target for Alzheimer's disease. *Neuron*.

Raveendran VA, et al. (2024) SNARE protein SNAP25 regulates the chloride-transporter KCC2 in neurons. *iScience*, 27(11), 111156.

Iguchi H, et al. (2024) Calcium-dependent activator protein for secretion 2 is involved in dopamine release in mouse midbrain neurons. *Frontiers in molecular neuroscience*, 17, 1444629.

Wang YZ, et al. (2024) Notch receptor-ligand binding facilitates extracellular vesicle-mediated neuron-to-neuron communication. *Cell reports*, 43(2), 113680.

Bogetofte H, et al. (2023) Post-translational proteomics platform identifies neurite outgrowth impairments in Parkinson's disease GBA-N370S dopamine neurons. *Cell reports*, 42(3), 112180.

Meltzer S, et al. (2023) γ -Protocadherins control synapse formation and peripheral branching of touch sensory neurons. *Neuron*, 111(11), 1776.

Vanova T, et al. (2023) Cerebral organoids derived from patients with Alzheimer's disease with PSEN1/2 mutations have defective tissue patterning and altered development. *Cell reports*, 42(11), 113310.

Batenburg KL, et al. (2023) A Human Neuron/Astrocyte Co-culture to Model Seeded and Spontaneous Intraneuronal Tau Aggregation. *Current protocols*, 3(10), e900.