

Resource Summary Report

Generated by [dkNET](#) on Aug 9, 2026

Chicken Anti-Rat MAP2 , Unconjugated

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: Rat MAP2

Host Organism: chicken

Clonality: unknown

Comments: seller recommendations: Applications: Immunocytochemistry, Immunohistochemistry, Western Blotting

Antibody Name: Chicken Anti-Rat MAP2 , Unconjugated

Description: This unknown targets Rat MAP2

Target Organism: chickenavian, rat

Defining Citation: [PMID:24003133](#), [PMID:17278136](#), [PMID:17072833](#), [PMID:23536098](#), [PMID:22681976](#), [PMID:26252389](#), [PMID:25849986](#), [PMID:20519520](#), [PMID:12122062](#)

Antibody ID: AB_571049

Vendor: Millipore

Catalog Number: AB5543

Record Creation Time: 20250819T224000+0000

Record Last Update: 20250820T025508+0000

Ratings and Alerts

No rating or validation information has been found for Chicken Anti-Rat MAP2 , Unconjugated.

No alerts have been found for Chicken Anti-Rat MAP2 , Unconjugated.

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) γ -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) α -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.