

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

Synaptophysin

RRID:AB_2313839

Type: Antibody

Proper Citation

Millipore Cat# MAB5258, RRID:AB_2313839

Antibody Information

URL: http://antibodyregistry.org/AB_2313839

Proper Citation: Millipore Cat# MAB5258, RRID:AB_2313839

Clonality: unknown

Antibody Name: Synaptophysin

Description: This unknown targets

Defining Citation: [PMID:22778007](#)

Antibody ID: AB_2313839

Vendor: Millipore

Catalog Number: MAB5258

Record Creation Time: 20250819T232543+0000

Record Last Update: 20250820T051914+0000

Ratings and Alerts

No rating or validation information has been found for Synaptophysin.

No alerts have been found for Synaptophysin.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Gomes CM, et al. (2025) Addressing neuroinflammation in human induced pluripotent stem cell-derived central nervous system neurospheroids. *iScience*, 28(9), 113246.

Krzystek TJ, et al. (2025) Opposing roles for GSK3 β and ERK1-dependent phosphorylation of huntingtin during neuronal dysfunction and cell death in Huntington's disease. *Cell death & disease*, 16(1), 328.

Allen HN, et al. (2024) Uncoupling the CRMP2-CaV2.2 interaction reduces pain-like behavior in a preclinical osteoarthritis model. *bioRxiv : the preprint server for biology*.

Allen HN, et al. (2024) Uncoupling the CRMP2-CaV2.2 Interaction Reduces Pain-Like Behavior in a Preclinical Joint-Pain Model. *The journal of pain*, 25(12), 104664.

Krzystek TJ, et al. (2023) HTT (huntingtin) and RAB7 co-migrate retrogradely on a signaling LAMP1-containing late endosome during axonal injury. *Autophagy*, 19(4), 1199.

Pan L, et al. (2023) IGFBPL1 is a master driver of microglia homeostasis and resolution of neuroinflammation in glaucoma and brain tauopathy. *Cell reports*, 42(8), 112889.

Wang J, et al. (2022) Grafted human ESC-derived astroglia repair spinal cord injury via activation of host anti-inflammatory microglia in the lesion area. *Theranostics*, 12(9), 4288.

Manabe T, et al. (2021) Systemic inflammation induced the delayed reduction of excitatory synapses in the CA3 during ageing. *Journal of neurochemistry*, 159(3), 525.

Moidunny S, et al. (2020) Glycogen synthase kinase-3 inhibition rescues sex-dependent contextual fear memory deficit in human immunodeficiency virus-1 transgenic mice. *British journal of pharmacology*, 177(24), 5658.

Tonelli Gombalová Z, et al. (2020) Majority of cerebrospinal fluid-contacting neurons in the spinal cord of C57Bl/6N mice is present in ectopic position unlike in other studied experimental mice strains and mammalian species. *The Journal of comparative neurology*, 528(15), 2523.

Ryan SK, et al. (2020) Protocol for Tri-culture of hiPSC-Derived Neurons, Astrocytes, and Microglia. *STAR protocols*, 1(3), 100190.

Wheatley EG, et al. (2019) Neuronal O-GlcNAcylation Improves Cognitive Function in the Aged Mouse Brain. *Current biology : CB*, 29(20), 3359.

Raja MK, et al. (2019) Elevated synaptic vesicle release probability in synaptophysin/gyrin family quadruple knockouts. *eLife*, 8.

Wang M, et al. (2019) Humanized Stem Cell Models of Pediatric Medulloblastoma Reveal an Oct4/mTOR Axis that Promotes Malignancy. *Cell stem cell*, 25(6), 855.

Wang W, et al. (2018) Atypical Endocannabinoid Signaling Initiates a New Form of Memory-Related Plasticity at a Cortical Input to Hippocampus. *Cerebral cortex (New York,*

N.Y. : 1991), 28(7), 2253.

Boero LE, et al. (2018) Enhancement of the Medial Olivocochlear System Prevents Hidden Hearing Loss. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(34), 7440.

Papadimitriou C, et al. (2018) 3D Culture Method for Alzheimer's Disease Modeling Reveals Interleukin-4 Rescues A β 42-Induced Loss of Human Neural Stem Cell Plasticity. *Developmental cell*, 46(1), 85.

Prieto GA, et al. (2017) Pharmacological Rescue of Long-Term Potentiation in Alzheimer Diseased Synapses. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(5), 1197.

Massart R, et al. (2016) Developmental and adult expression patterns of the G-protein-coupled receptor GPR88 in the rat: Establishment of a dual nuclear-cytoplasmic localization. *The Journal of comparative neurology*, 524(14), 2776.