Resource Summary Report

Generated by dkNET on Aug 7, 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 20 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Pinky PD, et al. (2026) Prenatal cannabinoid exposure alters excitation-inhibition balance through glutamate and GABA receptor-mediated signaling. The Journal of biological chemistry, 302(7), 113196.

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? 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.

?an?er 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?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.