Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

Synaptophysin antibody [SY38]

RRID:AB_2198854
Type: Antibody

Proper Citation

(Abcam Cat# ab8049, RRID:AB_2198854)

Antibody Information

URL: http://antibodyregistry.org/AB_2198854

Proper Citation: (Abcam Cat# ab8049, RRID:AB_2198854)

Target Antigen: SYP

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, immunohistochemistry, immunocytochemistry

Antibody Name: Synaptophysin antibody [SY38]

Description: This monoclonal targets SYP

Target Organism: cow, mouse, human

Clone ID: SY38

Antibody ID: AB_2198854

Vendor: Abcam

Catalog Number: ab8049

Record Creation Time: 20231110T045824+0000

Record Last Update: 20241115T054323+0000

Ratings and Alerts

No rating or validation information has been found for Synaptophysin antibody [SY38].

No alerts have been found for Synaptophysin antibody [SY38].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Braunstein PW, et al. (2024) Daily fluctuations in blood glucose with normal aging are inversely related to hippocampal synaptic mitochondrial proteins. Aging brain, 5, 100116.

Hacisuleyman E, et al. (2024) Neuronal activity rapidly reprograms dendritic translation via eIF4G2:uORF binding. Nature neuroscience, 27(5), 822.

Lv Z, et al. (2024) Clearance of ?-amyloid and synapses by the optogenetic depolarization of microglia is complement selective. Neuron, 112(5), 740.

Gauer C, et al. (2024) CSF1R-mediated myeloid cell depletion shifts the ratio of motor cortical excitatory to inhibitory neurons in a multiple system atrophy model. Experimental neurology, 374, 114706.

Li Z, et al. (2024) Nuclear microRNA-mediated transcriptional control determines adult microglial homeostasis and brain function. Cell reports, 43(3), 113964.

Carew JA, et al. (2023) Differential Myosin 5a splice variants in innervation of pelvic organs. Frontiers in physiology, 14, 1304537.

Zhan J, et al. (2023) Loss of the Novel Myelin Protein CMTM5 in Multiple Sclerosis Lesions and Its Involvement in Oligodendroglial Stress Responses. Cells, 12(16).

Eckman EA, et al. (2023) Nascent A?42 Fibrillization in Synaptic Endosomes Precedes Plaque Formation in a Mouse Model of Alzheimer's-like ?-Amyloidosis. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(50), 8812.

Tzioras M, et al. (2023) Human astrocytes and microglia show augmented ingestion of synapses in Alzheimer's disease via MFG-E8. Cell reports. Medicine, 4(9), 101175.

Lang HL, et al. (2023) Small extracellular vesicles secreted by induced pluripotent stem cell-derived mesenchymal stem cells improve postoperative cognitive dysfunction in mice with

diabetes. Neural regeneration research, 18(3), 609.

Zhou Q, et al. (2023) Intrahippocampal injection of IL-1? upregulates Siah1-mediated degradation of synaptophysin by activation of the ERK signaling in male rat. Journal of neuroscience research, 101(6), 930.

Colom-Cadena M, et al. (2023) Synaptic oligomeric tau in Alzheimer's disease - A potential culprit in the spread of tau pathology through the brain. Neuron, 111(14), 2170.

Zhao X, et al. (2022) HIV Tat and cocaine interactively alter genome-wide DNA methylation and gene expression and exacerbate learning and memory impairments. Cell reports, 39(5), 110765.

Dong Q, et al. (2022) Familial natural short sleep mutations reduce Alzheimer pathology in mice. iScience, 25(4), 103964.

De La Rossa A, et al. (2022) Paradoxical neuronal hyperexcitability in a mouse model of mitochondrial pyruvate import deficiency. eLife, 11.

Yan Y, et al. (2022) ASH1L haploinsufficiency results in autistic-like phenotypes in mice and links Eph receptor gene to autism spectrum disorder. Neuron, 110(7), 1156.

Conforti P, et al. (2022) In vitro-derived medium spiny neurons recapitulate human striatal development and complexity at single-cell resolution. Cell reports methods, 2(12), 100367.

Yu J, et al. (2022) Neuron-derived neuropeptide Y fine-tunes the splenic immune responses. Neuron, 110(8), 1327.

Lundquist AJ, et al. (2022) Knockdown of Astrocytic Monocarboxylate Transporter 4 in the Motor Cortex Leads to Loss of Dendritic Spines and a Deficit in Motor Learning. Molecular neurobiology, 59(2), 1002.

Marcatti M, et al. (2022) A?/tau oligomer interplay at human synapses supports shifting therapeutic targets for Alzheimer's disease. Cellular and molecular life sciences : CMLS, 79(4), 222.