Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 1, 2025

Anti-Synaptophysin 1

RRID:AB_887824
Type: Antibody

Proper Citation

(Synaptic Systems Cat# 101 011, RRID:AB_887824)

Antibody Information

URL: http://antibodyregistry.org/AB_887824

Proper Citation: (Synaptic Systems Cat# 101 011, RRID:AB_887824)

Target Antigen: Synaptophysin 1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB,IP,ICC,IHC,IHC-P,EM,ELISA. KO validated

Antibody Name: Anti-Synaptophysin 1

Description: This monoclonal targets Synaptophysin 1

Target Organism: Human, Rat, Zebrafish, Mammals, Mouse, Other Vertebrates

Clone ID: 7.2

Defining Citation: PMID:21031558

Antibody ID: AB_887824

Vendor: Synaptic Systems

Catalog Number: 101 011

Record Creation Time: 20231110T042748+0000

Record Last Update: 20241115T012446+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Synaptophysin 1.

No alerts have been found for Anti-Synaptophysin 1.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 51 mentions in open access literature.

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

Cardanho-Ramos C, et al. (2024) Local mitochondrial replication in the periphery of neurons requires the eEF1A1 protein and thetranslation of nuclear-encoded proteins. iScience, 27(4), 109136.

Bolz S, et al. (2024) Phosphoinositide detection at synapses of fixed murine hippocampal neurons. STAR protocols, 5(2), 102945.

Emperador-Melero J, et al. (2024) Distinct active zone protein machineries mediate Ca2+ channel clustering and vesicle priming at hippocampal synapses. Nature neuroscience, 27(9), 1680.

Belur NR, et al. (2024) Nuclear aggregates of NONO/SFPQ and A-to-I-edited RNA in Parkinson's disease and dementia with Lewy bodies. Neuron, 112(15), 2558.

Ji Y, et al. (2024) EHBP1 Is Critically Involved in the Dendritic Arbor Formation and Is Coupled to Factors Promoting Actin Filament Formation. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(6).

Emperador-Melero J, et al. (2023) Molecular definition of distinct active zone protein machineries for Ca2+ channel clustering and synaptic vesicle priming. bioRxiv : the preprint server for biology.

Wittenmayer N, et al. (2023) S-SCAM is essential for synapse formation. Frontiers in cellular neuroscience, 17, 1182493.

Steiger LJ, et al. (2023) Somatic and terminal CB1 receptors are differentially coupled to voltage-gated sodium channels in neocortical neurons. Cell reports, 42(3), 112247.

Frank MM, et al. (2023) Experience-dependent flexibility in a molecularly diverse central-to-peripheral auditory feedback system. eLife, 12.

Leiter O, et al. (2023) Platelet-derived exerkine CXCL4/platelet factor 4 rejuvenates hippocampal neurogenesis and restores cognitive function in aged mice. Nature communications, 14(1), 4375.

Chen CM, et al. (2023) Probucol treatment after traumatic brain injury activates BDNF/TrkB pathway, promotes neuroregeneration and ameliorates functional deficits in mice. British journal of pharmacology, 180(20), 2605.

Wang J, et al. (2023) Loss of the parkinsonism-associated protein FBXO7 in glutamatergic forebrain neurons in mice leads to abnormal motor behavior and synaptic defects. Journal of neurochemistry, 167(2), 296.

Banerjee A, et al. (2022) Molecular and functional architecture of striatal dopamine release sites. Neuron, 110(2), 248.

Dumrongprechachan V, et al. (2022) Dynamic proteomic and phosphoproteomic atlas of corticostriatal axons in neurodevelopment. eLife, 11.

Gross I, et al. (2022) Plasticity-Related Gene 5 Is Expressed in a Late Phase of Neurodifferentiation After Neuronal Cell-Fate Determination. Frontiers in cellular neuroscience, 16, 797588.

Quadros ARAA, et al. (2022) Neuronal F-Box protein FBXO41 regulates synaptic transmission and hippocampal network maturation. iScience, 25(4), 104069.

Zamponi E, et al. (2022) The ER ladder is a unique morphological feature of developing mammalian axons. Developmental cell, 57(11), 1369.

Carnazza KE, et al. (2022) Synaptic vesicle binding of ?-synuclein is modulated by ?- and ?-synucleins. Cell reports, 39(2), 110675.

Liu GT, et al. (2022) Endosomal phosphatidylinositol 3-phosphate controls synaptic vesicle cycling and neurotransmission. The EMBO journal, 41(9), e109352.

Kempf J, et al. (2021) Heterogeneity of neurons reprogrammed from spinal cord astrocytes by the proneural factors Ascl1 and Neurogenin2. Cell reports, 36(3), 109409.