Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 23, 2025

PSD95 (D27E11) XP Rabbit mAb

RRID:AB_2292883
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 3450, RRID:AB_2292883)

Antibody Information

URL: http://antibodyregistry.org/AB_2292883

Proper Citation: (Cell Signaling Technology Cat# 3450, RRID:AB_2292883)

Target Antigen: PSD95 (D27E11) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-F. Consolidation on 10/2018: AB_10363939, AB_10828082, AB_2292883.

Antibody Name: PSD95 (D27E11) XP Rabbit mAb

Description: This monoclonal targets PSD95 (D27E11) XP Rabbit mAb

Target Organism: rat, h, m, mouse, r, human

Antibody ID: AB_2292883

Vendor: Cell Signaling Technology

Catalog Number: 3450

Alternative Catalog Numbers: 3450S, 3450P, 3450L

Record Creation Time: 20231110T064510+0000

Record Last Update: 20241115T081809+0000

Ratings and Alerts

No rating or validation information has been found for PSD95 (D27E11) XP Rabbit mAb.

No alerts have been found for PSD95 (D27E11) XP Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 73 mentions in open access literature.

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

Xu C, et al. (2024) Edaravone Dexborneol mitigates pathology in animal and cell culture models of Alzheimer's disease by inhibiting neuroinflammation and neuronal necroptosis. Cell & bioscience, 14(1), 55.

Caffino L, et al. (2024) Chronic Lithium Treatment Alters NMDA and AMPA Receptor Synaptic Availability and Dendritic Spine Organization in the Rat Hippocampus. Current neuropharmacology, 22(12), 2045.

Clavet-Fournier V, et al. (2024) Pre- and postsynaptic nanostructures increase in size and complexity after induction of long-term potentiation. iScience, 27(1), 108679.

Mottarlini F, et al. (2024) Communal nesting shapes the sex-dependent glutamatergic response to early life stress in the rat prefrontal cortex. Frontiers in psychiatry, 15, 1406687.

Randolph LK, et al. (2024) Regulation of synapse density by Pumilio RNA-binding proteins. Cell reports, 43(10), 114747.

Weesner JA, et al. (2024) Altered GM1 catabolism affects NMDAR-mediated Ca2+ signaling at ER-PM junctions and increases synaptic spine formation in a GM1-gangliosidosis model. Cell reports, 43(5), 114117.

Coulson RL, et al. (2024) Translational modulator ISRIB alleviates synaptic and behavioral phenotypes in Fragile X syndrome. iScience, 27(4), 109259.

Pintori N, et al. (2024) Brief exposure to enriched environment rapidly shapes the glutamate synapses in the rat brain: A metaplastic fingerprint. The European journal of neuroscience, 59(5), 982.

Kurita H, et al. (2024) Epigenetic alternations in the SYP and DLG4 genes due to low-level methylmercury exposure during neuronal differentiation in vitro. Journal of applied toxicology : JAT.

Zhang C, et al. (2024) Transcranial Magneto-Acoustic Stimulation Protects Synaptic Rehabilitation from Amyloid-Beta Plaques via Regulation of Microglial Functions. International journal of molecular sciences, 25(9).

Chen Y, et al. (2023) Inhibition of mGluR5/PI3K-AKT Pathway Alleviates Alzheimer's Disease-Like Pathology Through the Activation of Autophagy in 5XFAD Mice. Journal of Alzheimer's disease : JAD, 91(3), 1197.

Micheva KD, et al. (2023) Developing a Toolbox of Antibodies Validated for Array Tomography-Based Imaging of Brain Synapses. bioRxiv : the preprint server for biology.

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.

Abdel-Ghani M, et al. (2023) Plk2 promotes synaptic destabilization through disruption of N-cadherin adhesion complexes during homeostatic adaptation to hyperexcitation. Journal of neurochemistry, 167(3), 362.

Waxman EA, et al. (2023) Reproducible Differentiation of Human Pluripotent Stem Cells into Two-Dimensional Cortical Neuron Cultures with Checkpoints for Success. Current protocols, 3(12), e948.

Walker CK, et al. (2023) Cross-Platform Synaptic Network Analysis of Human Entorhinal Cortex Identifies TWF2 as a Modulator of Dendritic Spine Length. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(20), 3764.

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.

Zhong L, et al. (2023) TREM2 receptor protects against complement-mediated synaptic loss by binding to complement C1q during neurodegeneration. Immunity, 56(8), 1794.

Wang Y, et al. (2023) Chronic Neuronal Inactivity Utilizes the mTOR-TFEB Pathway to Drive Transcription-Dependent Autophagy for Homeostatic Up-Scaling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(15), 2631.

Targa G, et al. (2023) Dysregulation of AMPA Receptor Trafficking and Intracellular Vesicular Sorting in the Prefrontal Cortex of Dopamine Transporter Knock-Out Rats. Biomolecules, 13(3).