

Resource Summary Report

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PSD95 antibody

RRID:AB_298846

Type: Antibody

Proper Citation

(Abcam Cat# ab12093, RRID:AB_298846)

Antibody Information

URL: http://antibodyregistry.org/AB_298846

Proper Citation: (Abcam Cat# ab12093, RRID:AB_298846)

Target Antigen: PSD95 antibody

Host Organism: goat

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ICC/IF, IHC-P, WB; Immunofluorescence; Immunohistochemistry - fixed; Western Blot; Immunocytochemistry; Immunohistochemistry

Antibody Name: PSD95 antibody

Description: This polyclonal targets PSD95 antibody

Target Organism: rat, mouse, human

Defining Citation: [PMID:23047530](#)

Antibody ID: AB_298846

Vendor: Abcam

Catalog Number: ab12093

Record Creation Time: 20231110T081509+0000

Record Last Update: 20241115T094435+0000

Ratings and Alerts

No rating or validation information has been found for PSD95 antibody.

No alerts have been found for PSD95 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Horibe S, et al. (2024) Endothelial senescence alleviates cognitive impairment in a mouse model of Alzheimer's disease. *Glia*, 72(1), 51.

Le AA, et al. (2024) Metabotropic NMDA Receptor Signaling Contributes to Sex Differences in Synaptic Plasticity and Episodic Memory. *bioRxiv : the preprint server for biology*.

Sun SED, et al. (2024) Synaptic homeostasis transiently leverages Hebbian mechanisms for a multiphasic response to inactivity. *Cell reports*, 43(4), 113839.

Hu J, et al. (2023) Microglial Piezo1 senses A β fibril stiffness to restrict Alzheimer's disease. *Neuron*, 111(1), 15.

Licht-Murava A, et al. (2023) Astrocytic TDP-43 dysregulation impairs memory by modulating antiviral pathways and interferon-inducible chemokines. *Science advances*, 9(16), eade1282.

Liu LF, et al. (2023) Inhibiting 5-hydroxytryptamine receptor 3 alleviates pathological changes of a mouse model of Alzheimer's disease. *Neural regeneration research*, 18(9), 2019.

Rosenberg EC, et al. (2023) Cannabidiol modulates excitatory-inhibitory ratio to counter hippocampal hyperactivity. *Neuron*, 111(8), 1282.

Huang YR, et al. (2023) ArhGAP11A mediates amyloid- β generation and neuropathology in an Alzheimer's disease-like mouse model. *Cell reports*, 42(6), 112624.

Zhang F, et al. (2023) Electroacupuncture attenuates myocardial ischemia-reperfusion injury by inhibiting microglial engulfment of dendritic spines. *iScience*, 26(9), 107645.

Hu J, et al. (2022) Melanopsin retinal ganglion cells mediate light-promoted brain development. *Cell*, 185(17), 3124.

Albrecht NE, et al. (2022) Rapid 3D-STORM imaging of diverse molecular targets in tissue. *Cell reports methods*, 2(7), 100253.

Jin M, et al. (2022) Type-I-interferon signaling drives microglial dysfunction and senescence in human iPSC models of Down syndrome and Alzheimer's disease. *Cell stem cell*, 29(7), 1135.

Le AA, et al. (2022) Prepubescent female rodents have enhanced hippocampal LTP and learning relative to males, reversing in adulthood as inhibition increases. *Nature neuroscience*, 25(2), 180.

Farzinpour Z, et al. (2022) Microglial Engulfment of Spines in the Ventral Zona Incerta Regulates Anxiety-Like Behaviors in a Mouse Model of Acute Pain. *Frontiers in cellular neuroscience*, 16, 898346.

Beckman D, et al. (2022) SARS-CoV-2 infects neurons and induces neuroinflammation in a non-human primate model of COVID-19. *Cell reports*, 41(5), 111573.

Jiang D, et al. (2022) Neuronal signal-regulatory protein alpha drives microglial phagocytosis by limiting microglial interaction with CD47 in the retina. *Immunity*, 55(12), 2318.

LaMassa N, et al. (2021) Gamma-protocadherin localization at the synapse is associated with parameters of synaptic maturation. *The Journal of comparative neurology*, 529(10), 2407.

Cao P, et al. (2021) Early-life inflammation promotes depressive symptoms in adolescence via microglial engulfment of dendritic spines. *Neuron*, 109(16), 2573.

Cano JC, et al. (2021) The amygdala modulates prepulse inhibition of the auditory startle reflex through excitatory inputs to the caudal pontine reticular nucleus. *BMC biology*, 19(1), 116.

Lores-Arnaiz S, et al. (2021) Changes in synaptic proteins of the complex PSD-95/NMDA receptor/nNOS and mitochondrial dysfunction after levocabastine treatment. *Neurochemistry international*, 148, 105100.