Resource Summary Report

Generated by dkNET on Sep 5, 2026

Anti-Homer1

RRID:AB_2631222
Type: Antibody

Proper Citation

Synaptic Systems Cat# 160 006, RRID:AB_2631222

Antibody Information

URL: http://antibodyregistry.org/AB_2631222

Proper Citation: Synaptic Systems Cat# 160 006, RRID:AB_2631222

Target Antigen: Homer 1

Host Organism: chicken

Clonality: polyclonal

Comments: Applications: WB,ICC,IHC,IHC-P

Antibody Name: Anti-Homer1

Description: This polyclonal targets Homer 1

Target Organism: Human, Rat, Mouse

Antibody ID: AB_2631222

Vendor: Synaptic Systems

Catalog Number: 160 006

Record Creation Time: 20231110T034734+0000

Record Last Update: 20260829T133003+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Homer1.

No alerts have been found for Anti-Homer1.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Padmanabhan N, et al. (2026) Neurexin-1? drives synaptic transmission through structural integration of neurotransmitter release machinery and postsynaptic receptor nanodomains. Neuron.

Ohm M, et al. (2026) Targeting neuroinflammation: itaconate and mesaconate as therapeutic strategies against H7N7 influenza-associated CNS damage. Frontiers in immunology, 17, 1776302.

Gcwensa NZ, et al. (2026) Protocol to study synapse density or volume-SynDOVE-in brain using confocal microscopy and Imaris three-dimensional surface rendering software. STAR protocols, 7(2), 104465.

Krishnapriya , et al. (2025) Gut dysbiosis leads to cognitive decline through CNTF-mediated activation of microglia in mice. BMC biology, 23(1), 355.

Pereyra G, et al. (2025) SFRP1 upregulation causes hippocampal synaptic dysfunction and memory impairment. Cell reports, 44(4), 115535.

Papanikolaou A, et al. (2025) Selectively vulnerable deep cortical layer 5/6 fast-spiking interneurons in Alzheimer's disease models in vivo. Neuron, 113(14), 2265.

Brzozowski CF, et al. (2025) Early ?-synuclein aggregation decreases corticostriatal glutamate drive and synapse density. Neurobiology of disease, 210, 106918.

Gcwensa NZ, et al. (2024) Excitatory synaptic structural abnormalities produced by templated aggregation of ?-syn in the basolateral amygdala. Neurobiology of disease, 199, 106595.

Wickel J, et al. (2024) Repopulated microglia after pharmacological depletion decrease dendritic spine density in adult mouse brain. Glia, 72(8), 1484.

Oestreicher D, et al. (2024) CaBP1 and 2 enable sustained CaV1.3 calcium currents and synaptic transmission in inner hair cells. eLife, 13.

Hahn N, et al. (2023) Protecting RNA quality for spatial transcriptomics while improving immunofluorescent staining quality. Frontiers in neuroscience, 17, 1198154.

Mesías RE, et al. (2023) Development and cadherin-mediated control of prefrontal corticostriatal projections in mice. iScience, 26(10), 108002.

Mahoney-Crane CL, et al. (2023) Neuronopathic GBA1L444P Mutation Accelerates Glucosylsphingosine Levels and Formation of Hippocampal Alpha-Synuclein Inclusions. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(3), 501.

Demuth L, et al. (2023) Influenza vaccine is able to prevent neuroinflammation triggered by H7N7 IAV infection. Frontiers in pharmacology, 14, 1142639.

Aryal S, et al. (2023) Deep proteomics identifies shared molecular pathway alterations in synapses of patients with schizophrenia and bipolar disorder and mouse model. Cell reports, 42(5), 112497.

Mein N, et al. (2023) Low-dose PLX5622 treatment prevents neuroinflammatory and neurocognitive sequelae after sepsis. Journal of neuroinflammation, 20(1), 289.

Pronot M, et al. (2022) Bidirectional regulation of synaptic SUMOylation by Group 1 metabotropic glutamate receptors. Cellular and molecular life sciences : CMLS, 79(7), 378.

Brzozowski CF, et al. (2021) Inhibition of LRRK2 kinase activity promotes anterograde axonal transport and presynaptic targeting of ?-synuclein. Acta neuropathologica communications, 9(1), 180.

Eysert F, et al. (2021) Alzheimer's genetic risk factor FERMT2 (Kindlin-2) controls axonal growth and synaptic plasticity in an APP-dependent manner. Molecular psychiatry, 26(10), 5592.

Holderith N, et al. (2020) A High-Resolution Method for Quantitative Molecular Analysis of Functionally Characterized Individual Synapses. Cell reports, 32(4), 107968.