Resource Summary Report

Generated by dkNET on Sep 3, 2026

Anti-GluA 1

RRID:AB_2113443
Type: Antibody

Proper Citation

Synaptic Systems Cat# 182 011, RRID:AB_2113443

Antibody Information

URL: http://antibodyregistry.org/AB_2113443

Proper Citation: Synaptic Systems Cat# 182 011, RRID:AB_2113443

Target Antigen: GluA 1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB,IP,ICC,IHC. KO validated
Consolidation 6/2023: AB_1630258

Antibody Name: Anti-GluA 1

Description: This monoclonal targets GluA 1

Target Organism: rat, mouse, zebrafish, human

Clone ID: 160E5

Antibody ID: AB_2113443

Vendor: Synaptic Systems

Catalog Number: 182 011

Record Creation Time: 20231110T050435+0000

Record Last Update: 20260829T012402+0000

Ratings and Alerts

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

No alerts have been found for Anti-GluA 1.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 11 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.

Thumu SCR, et al. (2024) SRF-deficient astrocytes provide neuroprotection in mouse models of excitotoxicity and neurodegeneration. eLife, 13.

Tan JZA, et al. (2023) Copine-6 is a Ca2+ sensor for activity-induced AMPA receptor exocytosis. Cell reports, 42(12), 113460.

Kabirova M, et al. (2023) Abl2 Kinase Differentially Regulates iGluRs Current Activity and Synaptic Localization. Cellular and molecular neurobiology.

Woelfle S, et al. (2023) CLARITY increases sensitivity and specificity of fluorescence immunostaining in long-term archived human brain tissue. BMC biology, 21(1), 113.

Zhu ZA, et al. (2023) CDKL5 deficiency in adult glutamatergic neurons alters synaptic activity and causes spontaneous seizures via TrkB signaling. Cell reports, 42(10), 113202.

Emperador-Melero J, et al. (2021) PKC-phosphorylation of Liprin-?3 triggers phase separation and controls presynaptic active zone structure. Nature communications, 12(1), 3057.

Heise C, et al. (2018) Heterogeneity of Cell Surface Glutamate and GABA Receptor Expression in Shank and CNTN4 Autism Mouse Models. Frontiers in molecular neuroscience, 11, 212.

Aguayo FI, et al. (2018) Hippocampal Memory Recovery After Acute Stress: A Behavioral, Morphological and Molecular Study. Frontiers in molecular neuroscience, 11, 283.

Bertani I, et al. (2017) Inhibition of IL-1? Signaling Normalizes NMDA-Dependent Neurotransmission and Reduces Seizure Susceptibility in a Mouse Model of Creutzfeldt-Jakob Disease. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(43), 10278.

Pacheco A, et al. (2017) Chronic Stress Triggers Expression of Immediate Early Genes and Differentially Affects the Expression of AMPA and NMDA Subunits in Dorsal and Ventral Hippocampus of Rats. Frontiers in molecular neuroscience, 10, 244.