

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

AMPA Receptor (GluR 2) (D39F2) Rabbit mAb

RRID:AB_10622024

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5306, RRID:AB_10622024

Antibody Information

URL: http://antibodyregistry.org/AB_10622024

Proper Citation: Cell Signaling Technology Cat# 5306, RRID:AB_10622024

Target Antigen: AMPA Receptor (GluR 2) (D39F2) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W

Antibody Name: AMPA Receptor (GluR 2) (D39F2) Rabbit mAb

Description: This monoclonal targets AMPA Receptor (GluR 2) (D39F2) Rabbit mAb

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

Antibody ID: AB_10622024

Vendor: Cell Signaling Technology

Catalog Number: 5306

Record Creation Time: 20250820T022216+0000

Record Last Update: 20250820T132503+0000

Ratings and Alerts

No rating or validation information has been found for AMPA Receptor (GluR 2) (D39F2) Rabbit mAb.

No alerts have been found for AMPA Receptor (GluR 2) (D39F2) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

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.

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.

Zhu Y, et al. (2023) Taurine Alleviates Chronic Social Defeat Stress-Induced Depression by Protecting Cortical Neurons from Dendritic Spine Loss. *Cellular and molecular neurobiology*, 43(2), 827.

Gerace E, et al. (2023) Ethanol-induced AMPA alterations are mediated by mGlu5 receptors through miRNA upregulation in hippocampal slices. *European journal of pharmacology*, 955, 175878.

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).

Stepan J, et al. (2022) Hippo-released WWC1 facilitates AMPA receptor regulatory complexes for hippocampal learning. *Cell reports*, 41(10), 111766.

Caffino L, et al. (2022) Responsivity of serotonin transporter knockout rats to short and long access to cocaine: Modulation of the glutamate signalling in the nucleus accumbens shell. *British journal of pharmacology*, 179(14), 3727.

Mottarlini F, et al. (2022) Cortical reorganization of the glutamate synapse in the activity-based anorexia rat model: Impact on cognition. *Journal of neurochemistry*, 161(4), 350.

Caffino L, et al. (2022) Long access to cocaine self-administration dysregulates the glutamate synapse in the nucleus accumbens core of serotonin transporter knockout rats. *British journal of pharmacology*, 179(17), 4254.

Caffino L, et al. (2021) Repeated exposure to cocaine during adolescence enhances the rewarding threshold for cocaine-conditioned place preference in adulthood. *Addiction biology*, 26(5), e13012.

Caffino L, et al. (2020) Hypersensitivity to amphetamine's psychomotor and reinforcing effects in serotonin transporter knockout rats: Glutamate in the nucleus accumbens. *British journal of pharmacology*, 177(19), 4532.

Ve H, et al. (2020) Quantitative Immunoblotting Analyses Reveal that the Abundance of Actin, Tubulin, Synaptophysin and EEA1 Proteins is Altered in the Brains of Aged Mice. *Neuroscience*, 442, 100.

Mottarlini F, et al. (2020) Activity-Based Anorexia Dynamically Dysregulates the Glutamatergic Synapse in the Nucleus Accumbens of Female Adolescent Rats. *Nutrients*, 12(12).

Kokubo M, et al. (2018) Early-life stress induces motor coordination dysfunction in adult mice. *The journal of physiological sciences : JPS*, 68(5), 663.

Caffino L, et al. (2018) A single cocaine administration alters dendritic spine morphology and impairs glutamate receptor synaptic retention in the medial prefrontal cortex of adolescent rats. *Neuropharmacology*, 140, 209.

Yajima H, et al. (2018) Early-life stress induces cognitive disorder in middle-aged mice. *Neurobiology of aging*, 64, 139.

Jang SS, et al. (2016) Seizure-Induced Regulations of Amyloid-??, STEP61, and STEP61 Substrates Involved in Hippocampal Synaptic Plasticity. *Neural plasticity*, 2016, 2123748.

Toya S, et al. (2014) Early-life-stress affects the homeostasis of glutamatergic synapses. *The European journal of neuroscience*, 40(11), 3627.