# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 5, 2025

## Anti-GluR1-NT (NT) Antibody, clone RH95

RRID:AB_11212678
Type: Antibody

### Proper Citation

(Millipore Cat# MAB2263, RRID:AB_11212678)

### Antibody Information

**URL:** http://antibodyregistry.org/AB_11212678

**Proper Citation:** (Millipore Cat# MAB2263, RRID:AB_11212678)

**Target Antigen:** GluR1, N Terminus

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: WB, IP, ICC, ELISA
Consolidation on 5/2020: AB_11212678, AB_1977459.

**Antibody Name:** Anti-GluR1-NT (NT) Antibody, clone RH95

**Description:** This monoclonal targets GluR1, N Terminus

**Target Organism:** rat

**Clone ID:** Clone RH95

**Antibody ID:** AB_11212678

**Vendor:** Millipore

**Catalog Number:** MAB2263

**Record Creation Time:** 20231110T051147+0000

**Record Last Update:** 20241115T122442+0000

## Ratings and Alerts

No rating or validation information has been found for Anti-GluR1-NT (NT) Antibody, clone RH95.

No alerts have been found for Anti-GluR1-NT (NT) Antibody, clone RH95.

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 33 mentions in open access literature.

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


Su M, et al. (2024) Synaptic adhesion molecule protocadherin-?C5 mediates ?-amyloid-induced neuronal hyperactivity and cognitive deficits in Alzheimer's disease. Journal of neurochemistry.

Koster KP, et al. (2024) Akap5 links synaptic dysfunction to neuroinflammatory signaling in a mouse model of infantile neuronal ceroid lipofuscinosis. Frontiers in synaptic neuroscience, 16, 1384625.

Ji E, et al. (2024) The Chemokine CCL2 Promotes Excitatory Synaptic Transmission in Hippocampal Neurons via GluA1 Subunit Trafficking. Neuroscience bulletin.

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

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

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.

Koster KP, et al. (2023) Loss of Depalmitoylation Disrupts Homeostatic Plasticity of AMPARs in a Mouse Model of Infantile Neuronal Ceroid Lipofuscinosis. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(49), 8317.

Guo Z, et al. (2022) Activity-dependent PI4P synthesis by PI4KIII? regulates long-term synaptic potentiation. Cell reports, 38(9), 110452.

Yang X, et al. (2022) Trafficking of NMDA receptors is essential for hippocampal synaptic plasticity and memory consolidation. Cell reports, 40(7), 111217.

Faruk MO, et al. (2022) Muscarinic signaling regulates voltage-gated potassium channel KCNQ2 phosphorylation in the nucleus accumbens via protein kinase C for aversive learning. Journal of neurochemistry, 160(3), 325.

Cao W, et al. (2022) NMDA receptor hypofunction underlies deficits in parvalbumin interneurons and social behavior in neuroligin 3 R451C knockin mice. Cell reports, 41(10), 111771.

Azarnia Tehran D, et al. (2022) Selective endocytosis of Ca2+-permeable AMPARs by the Alzheimer's disease risk factor CALM bidirectionally controls synaptic plasticity. Science advances, 8(21), eabl5032.

Li KT, et al. (2022) Rational designing of oscillatory rhythmicity for memory rescue in plasticity-impaired learning networks. Cell reports, 39(2), 110678.

Huo Y, et al. (2022) Prkn knockout mice show autistic-like behaviors and aberrant synapse formation. iScience, 25(7), 104573.

Simoes S, et al. (2021) Alzheimer's vulnerable brain region relies on a distinct retromer core dedicated to endosomal recycling. Cell reports, 37(13), 110182.

Sakai Y, et al. (2021) Gene-environment interactions mediate stress susceptibility and resilience through the CaMKII?/TARP?-8/AMPAR pathway. iScience, 24(5), 102504.

Oueslati Morales CO, et al. (2021) Protein kinase D promotes activity-dependent AMPA receptor endocytosis in hippocampal neurons. Traffic (Copenhagen, Denmark), 22(12), 454.

He X, et al. (2021) Gating of hippocampal rhythms and memory by synaptic plasticity in inhibitory interneurons. Neuron, 109(6), 1013.

Ahammad RU, et al. (2021) KANPHOS: A Database of Kinase-Associated Neural Protein Phosphorylation in the Brain. Cells, 11(1).

Pan Y, et al. (2021) Neuronal activity recruits the CRTC1/CREB axis to drive transcription-dependent autophagy for maintaining late-phase LTD. Cell reports, 36(3), 109398.