Resource Summary Report

Generated by RRID on Aug 6, 2026

Anti-RGS14 Antibody

RRID:AB_2179931
Type: Antibody

Proper Citation

Antibodies Incorporated Cat# 75-170, RRID:AB_2179931

Antibody Information

URL: http://antibodyregistry.org/AB_2179931

Proper Citation: Antibodies Incorporated Cat# 75-170, RRID:AB_2179931

Target Antigen: RGS14

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IB, ICC, IHC, KO, WB
Validation status: IF or IB (Pass), IB in brain (Pass), IHC in brain (Pass), KO (Pass)
This clone is associated with these products: purified (Antibodies Incorporated, Cat# 75-170, RRID:AB_2179931), supernatant (Antibodies Incorporated, Cat# 73-170, RRID:AB_10698026), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# N133/21, RRID:AB_2877352)

Antibody Name: Anti-RGS14 Antibody

Description: This monoclonal targets RGS14

Target Organism: rat, mouse, human

Clone ID: N133/21

Antibody ID: AB_2179931

Vendor: Antibodies Incorporated

Catalog Number: 75-170

Record Creation Time: 20250820T053700+0000

Record Last Update: 20250820T220112+0000

Ratings and Alerts

No rating or validation information has been found for Anti-RGS14 Antibody.

No alerts have been found for Anti-RGS14 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Diethorn EJ, et al. (2025) Developmental CA2 perineuronal net reduction restores social memory in Shank3 mutant mice. bioRxiv : the preprint server for biology.

Boyle LM, et al. (2025) The ventral CA2 region of the hippocampus and its differential contributions to social memory and social aggression. Cell reports, 44(5), 115714.

Oakley RH, et al. (2024) Imbalanced glucocorticoid and mineralocorticoid stress hormone receptor function has sex-dependent and independent regulatory effects in the mouse hippocampus. Neurobiology of stress, 28, 100589.

Diethorn EJ, et al. (2023) Postnatal development of hippocampal CA2 structure and function during the emergence of social recognition of peers. Hippocampus, 33(3), 208.

Whitebirch AC, et al. (2023) Reduced Cholecystokinin-Expressing Interneuron Input Contributes to Disinhibition of the Hippocampal CA2 Region in a Mouse Model of Temporal Lobe Epilepsy. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(41), 6930.

Radzicki D, et al. (2023) Morphological and molecular markers of mouse area CA2 along the proximodistal and dorsoventral hippocampal axes. Hippocampus, 33(3), 133.

Takemoto M, et al. (2023) Dissection of insular cortex layer 5 reveals two sublayers with opposing modulatory roles in appetitive drinking behavior. iScience, 26(6), 106985.

Shih YT, et al. (2023) An inhibitory circuit-based enhancer of DYRK1A function reverses Dyrk1a-associated impairment in social recognition. Neuron, 111(19), 3084.

Whitebirch AC, et al. (2022) Enhanced excitability of the hippocampal CA2 region and its contribution to seizure activity in a mouse model of temporal lobe epilepsy. Neuron, 110(19), 3121.

Lopez-Rojas J, et al. (2022) A direct lateral entorhinal cortex to hippocampal CA2 circuit conveys social information required for social memory. Neuron, 110(9), 1559.

Laham BJ, et al. (2021) Newborn mice form lasting CA2-dependent memories of their mothers. Cell reports, 34(4), 108668.

Dom??nguez S, et al. (2019) Maturation of PNN and ErbB4 Signaling in Area CA2 during Adolescence Underlies the Emergence of PV Interneuron Plasticity and Social Memory. Cell reports, 29(5), 1099.

Suh J, et al. (2019) Loss of Ataxin-1 Potentiates Alzheimer's Pathogenesis by Elevating Cerebral BACE1 Transcription. Cell, 178(5), 1159.

Tirko NN, et al. (2018) Oxytocin Transforms Firing Mode of CA2 Hippocampal Neurons. Neuron, 100(3), 593.

Basu R, et al. (2017) Heterophilic Type II Cadherins Are Required for High-Magnitude Synaptic Potentiation in the Hippocampus. Neuron, 96(1), 160.

Gong B, et al. (2016) Developing high-quality mouse monoclonal antibodies for neuroscience research - approaches, perspectives and opportunities. New biotechnology, 33(5 Pt A), 551.