Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 20, 2025

CaMKII antibody [6G9]

RRID:AB_447192
Type: Antibody

Proper Citation

(Abcam Cat# ab22609, RRID:AB_447192)

Antibody Information

URL: http://antibodyregistry.org/AB_447192

Proper Citation: (Abcam Cat# ab22609, RRID:AB_447192)

Target Antigen: CaMKII antibody [6G9]

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Radioimmunoassay; Immunofluorescence; Flow Cytometry; Western Blot; ELISA; Immunohistochemistry; Immunohistochemistry - frozen; Immunoprecipitation; Immunocytochemistry; Immunohistochemistry - fixed; ELISA, ICC/IF, IHC-Fr, IHC-P, IP, RIA, WB

Antibody Name: CaMKII antibody [6G9]

Description: This monoclonal targets CaMKII antibody [6G9]

Target Organism: rat, mouse, human

Defining Citation: PMID:23296922

Antibody ID: AB_447192

Vendor: Abcam

Catalog Number: ab22609

Record Creation Time: 20231110T080822+0000

Record Last Update: 20241114T233037+0000

Ratings and Alerts

No rating or validation information has been found for CaMKII antibody [6G9].

No alerts have been found for CaMKII antibody [6G9].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Wang F, et al. (2024) The thalamic reticular nucleus orchestrates social memory. Neuron, 112(14), 2368.

Kawatake-Kuno A, et al. (2024) Sustained antidepressant effects of ketamine metabolite involve GABAergic inhibition-mediated molecular dynamics in aPVT glutamatergic neurons. Neuron.

Sepehrisadr T, et al. (2024) Transsynaptic Degeneration of Retinal Ganglion Cells Following Lesions to Primary Visual Cortex in Marmosets. Investigative ophthalmology & visual science, 65(2), 4.

Tetzlaff SK, et al. (2024) Characterizing and targeting glioblastoma neuron-tumor networks with retrograde tracing. Cell.

Chang YT, et al. (2024) Comparative analyses of the Smith-Magenis syndrome protein RAI1 in mice and common marmoset monkeys. The Journal of comparative neurology, 532(1), e25589.

Zhang L, et al. (2023) Bidirectional control of parathyroid hormone and bone mass by subfornical organ. Neuron, 111(12), 1914.

Natsubori A, et al. (2023) Serotonergic neurons control cortical neuronal intracellular energy dynamics by modulating astrocyte-neuron lactate shuttle. iScience, 26(1), 105830.

Baldicano AK, et al. (2022) Retinal ganglion cells expressing CaM kinase II in human and nonhuman primates. The Journal of comparative neurology, 530(9), 1470.

He L, et al. (2022) A weakened recurrent circuit in the hippocampus of Rett syndrome mice disrupts long-term memory representations. Neuron, 110(10), 1689.

Qi Y, et al. (2022) Paradoxical effects of posterior intralaminar thalamic calretinin neurons on hippocampal seizure via distinct downstream circuits. iScience, 25(5), 104218.

Tsai TC, et al. (2022) Distinct Contribution of Granular and Agranular Subdivisions of the Retrosplenial Cortex to Remote Contextual Fear Memory Retrieval. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(5), 877.

Liu XX, et al. (2022) BOD1 regulates the cerebellar IV/V lobe-fastigial nucleus circuit associated with motor coordination. Signal transduction and targeted therapy, 7(1), 170.

Jing W, et al. (2021) A circuit of COCH neurons encodes social-stress-induced anxiety via MTF1 activation of Cacna1h. Cell reports, 37(13), 110177.

Martin L, et al. (2021) VEGF counteracts amyloid-?-induced synaptic dysfunction. Cell reports, 35(6), 109121.

Carceller H, et al. (2020) Dark exposure affects plasticity-related molecules and interneurons throughout the visual system during adulthood. The Journal of comparative neurology, 528(8), 1349.

Li J, et al. (2020) Defective memory engram reactivation underlies impaired fear memory recall in Fragile X syndrome. eLife, 9.

Wu Y, et al. (2020) The anterior insular cortex unilaterally controls feeding in response to aversive visceral stimuli in mice. Nature communications, 11(1), 640.

Carceller H, et al. (2020) Perineuronal Nets Regulate the Inhibitory Perisomatic Input onto Parvalbumin Interneurons and ? Activity in the Prefrontal Cortex. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(26), 5008.

Zheng J, et al. (2020) Interneuron Accumulation of Phosphorylated tau Impairs Adult Hippocampal Neurogenesis by Suppressing GABAergic Transmission. Cell stem cell, 26(3), 331.

Amir A, et al. (2019) Midline thalamic inputs to the amygdala: Ultrastructure and synaptic targets. The Journal of comparative neurology, 527(5), 942.