

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

CaMKII antibody [EP1829Y]

RRID:AB_868641

Type: Antibody

Proper Citation

Abcam Cat# ab52476, RRID:AB_868641

Antibody Information

URL: http://antibodyregistry.org/AB_868641

Proper Citation: Abcam Cat# ab52476, RRID:AB_868641

Target Antigen: CaMKII

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Flow Cytometry; Immunocytochemistry; Immunohistochemistry; Immunoprecipitation; Western Blot; Flow Cytometry, Immunocytochemistry, Immunohistochemistry-P, Immunoprecipitation, Western Blot

Antibody Name: CaMKII antibody [EP1829Y]

Description: This monoclonal targets CaMKII

Target Organism: rat, mouse, human

Clone ID: Clone EP1829Y

Antibody ID: AB_868641

Vendor: Abcam

Catalog Number: ab52476

Record Creation Time: 20231110T042857+0000

Record Last Update: 20260831T185414+0000

Ratings and Alerts

No rating or validation information has been found for CaMKII antibody [EP1829Y].

No alerts have been found for CaMKII antibody [EP1829Y].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Li SJ, et al. (2026) A disinhibitory basal forebrain-to-cortex projection supports sustained attention. *Cell*, 189(13), 4140.

Wang Z, et al. (2026) Ferroplasticity drives social isolation-induced anxiety via a ventral hippocampal iron- α -synuclein axis. *Cell metabolism*, 38(5), 891.

Qiu X, et al. (2026) Muscone Exerts Rapid Antidepressant Effects Through Modulating Glutamatergic Neural Transmission in the Anterior Cingulate Cortex Against Peripheral Inflammation-induced Depression. *Neuroscience bulletin*.

Zhao X, et al. (2026) Histamine H3 receptors in the paraventricular thalamus link sleep loss to fat overconsumption. *Cell reports*, 45(2), 116967.

Feng X, et al. (2026) Slow-wave sleep engages brainstem circuitry to prevent stress-induced anxiety. *Neuron*.

Misrani A, et al. (2024) Vibration-reduced anxiety-like behavior relies on ameliorating abnormalities of the somatosensory cortex and medial prefrontal cortex. *Neural regeneration research*, 19(6), 1351.

Zheng Y, et al. (2023) Postsynaptic histamine H3 receptors in ventral basal forebrain cholinergic neurons modulate contextual fear memory. *Cell reports*, 42(9), 113073.

Madeira D, et al. (2023) Astrocytic A2A receptors silencing negatively impacts hippocampal synaptic plasticity and memory of adult mice. *Glia*.

McCracken S, et al. (2023) Diversity in homeostatic calcium set points predicts retinal ganglion cell survival following optic nerve injury in vivo. *Cell reports*, 42(10), 113165.

Lai N, et al. (2022) Interictal-period-activated neuronal ensemble in piriform cortex retards further seizure development. *Cell reports*, 41(11), 111798.

Xu L, et al. (2022) An H2R-dependent medial septum histaminergic circuit mediates feeding behavior. *Current biology : CB*, 32(9), 1937.

Miyazaki Y, et al. (2022) C-type natriuretic peptide facilitates autonomic Ca²⁺ entry in growth plate chondrocytes for stimulating bone growth. *eLife*, 11.

Zhang C, et al. (2022) Dynamics of a disinhibitory prefrontal microcircuit in controlling social competition. *Neuron*, 110(3), 516.

Tejos-Bravo M, et al. (2021) Deletion of hippocampal Glucocorticoid receptors unveils sex-biased microRNA expression and neuronal morphology alterations in mice. *Neurobiology of stress*, 14, 100306.

Guo X, et al. (2021) Preservation of vision after CaMKII-mediated protection of retinal ganglion cells. *Cell*, 184(16), 4299.

Shi X, et al. (2021) Disrupting phosphorylation of Tyr-1070 at GluN2B selectively produces resilience to depression-like behaviors. *Cell reports*, 36(8), 109612.

Opendak M, et al. (2021) Bidirectional control of infant rat social behavior via dopaminergic innervation of the basolateral amygdala. *Neuron*, 109(24), 4018.

Eigler T, et al. (2021) ERK1/2 inhibition promotes robust myotube growth via CaMKII activation resulting in myoblast-to-myotube fusion. *Developmental cell*, 56(24), 3349.

Hur KH, et al. (2021) Methoxphenidine (MXP) induced abnormalities: Addictive and schizophrenia-related behaviours based on an imbalance of neurochemicals in the brain. *British journal of pharmacology*, 178(19), 3869.

Han JK, et al. (2021) Ablation of STAT3 in Purkinje cells reorganizes cerebellar synaptic plasticity in long-term fear memory network. *eLife*, 10.