Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 26, 2025

CaMKII (G-1)

RRID:AB_626788
Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-5306, RRID:AB_626788)

Antibody Information

URL: http://antibodyregistry.org/AB_626788

Proper Citation: (Santa Cruz Biotechnology Cat# sc-5306, RRID:AB_626788)

Target Antigen: CAMK2A

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Antibody Name: CaMKII (G-1)

Description: This monoclonal targets CAMK2A

Target Organism: rat, mouse, human

Clone ID: G-1

Antibody ID: AB_626788

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-5306

Record Creation Time: 20231110T043817+0000

Record Last Update: 20241115T044417+0000

Ratings and Alerts

No rating or validation information has been found for CaMKII (G-1).

No alerts have been found for CaMKII (G-1).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Fan Y, et al. (2024) The adipose-neural axis is involved in epicardial adipose tissue-related cardiac arrhythmias. Cell reports. Medicine, 5(5), 101559.

Chen Y, et al. (2022) Amino acid starvation-induced LDLR trafficking accelerates lipoprotein endocytosis and LDL clearance. EMBO reports, 23(3), e53373.

Ogata G, et al. (2022) Calcium/calmodulin-dependent protein kinase II associates with the K+ channel isoform Kv4.3 in adult rat optic nerve. Frontiers in neuroanatomy, 16, 958986.

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.

Veschsanit N, et al. (2021) Melatonin reverts methamphetamine-induced learning and memory impairments and hippocampal alterations in mice. Life sciences, 265, 118844.

Scheckel C, et al. (2020) Ribosomal profiling during prion disease uncovers progressive translational derangement in glia but not in neurons. eLife, 9.

Saneyoshi T, et al. (2019) Reciprocal Activation within a Kinase-Effector Complex Underlying Persistence of Structural LTP. Neuron, 102(6), 1199.

Sui S, et al. (2018) Cyclophilin D regulates neuronal activity-induced filopodiagenesis by fine-tuning dendritic mitochondrial calcium dynamics. Journal of neurochemistry, 146(4), 403.