Resource Summary Report

Generated by NIF on Jul 30, 2026

p-CaMKIIalpha (Thr 286)-R

RRID:AB_2067915
Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-12886-R, RRID:AB_2067915

Antibody Information

URL: http://antibodyregistry.org/AB_2067915

Proper Citation: Santa Cruz Biotechnology Cat# sc-12886-R, RRID:AB_2067915

Target Antigen: CAMK2A

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunocytochemistry; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Antibody Name: p-CaMKIIalpha (Thr 286)-R

Description: This polyclonal targets CAMK2A

Target Organism: rat, mouse, human

Clone ID: Thr 286-R

Defining Citation: PMID:21674485, PMID:19882720

Antibody ID: AB_2067915

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-12886-R

Record Creation Time: 20250819T225733+0000

Record Last Update: 20250820T035034+0000

Ratings and Alerts

No rating or validation information has been found for p-CaMKIIalpha (Thr 286)-R.

Warning: Discontinued: 2016
Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunocytochemistry; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Pilotto F, et al. (2023) Early molecular layer interneuron hyperactivity triggers Purkinje neuron degeneration in SCA1. Neuron, 111(16), 2523.

Rasmussen M, et al. (2021) The cGMP system in normal and degenerating mouse neuroretina: New proteins with cGMP interaction potential identified by a proteomics approach. Journal of neurochemistry, 157(6), 2173.

Maza FJ, et al. (2021) A crabs' high-order brain center resolved as a mushroom body-like structure. The Journal of comparative neurology, 529(3), 501.

Formicola N, et al. (2021) Tyramine induces dynamic RNP granule remodeling and translation activation in the Drosophila brain. eLife, 10.

Perfitt TL, et al. (2020) Neuronal L-Type Calcium Channel Signaling to the Nucleus Requires a Novel CaMKII?-Shank3 Interaction. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(10), 2000.

Lee JE, et al. (2019) Stress-Induced Epigenetic Changes in Hippocampal Mkp-1 Promote Persistent Depressive Behaviors. Molecular neurobiology, 56(12), 8537.

Xiong L, et al. (2018) Cocaine- and amphetamine-regulated transcript peptide in the nucleus accumbens shell inhibits cocaine-induced locomotor sensitization to transient over-expression of ?-Ca2+ /calmodulin-dependent protein kinase II. Journal of neurochemistry, 146(3), 289.

Fang YY, et al. (2018) Evidence of altered depression and dementia-related proteins in the brains of young rats after ovariectomy. Journal of neurochemistry, 146(6), 703.

Wolff GH, et al. (2017) An insect-like mushroom body in a crustacean brain. eLife, 6.

Stephenson JR, et al. (2017) A Novel Human CAMK2A Mutation Disrupts Dendritic Morphology and Synaptic Transmission, and Causes ASD-Related Behaviors. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(8), 2216.

Gu Y, et al. (2017) Stabilization of the c-Myc Protein by CAMKII? Promotes T Cell Lymphoma. Cancer cell, 32(1), 115.

Newman ZL, et al. (2017) Input-Specific Plasticity and Homeostasis at the Drosophila Larval Neuromuscular Junction. Neuron, 93(6), 1388.