

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

Phospho-PKA C (Thr197) Antibody

RRID:AB_2300165

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4781, RRID:AB_2300165

Antibody Information

URL: http://antibodyregistry.org/AB_2300165

Proper Citation: Cell Signaling Technology Cat# 4781, RRID:AB_2300165

Target Antigen: Phospho-PKA C (Thr197)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W

Antibody Name: Phospho-PKA C (Thr197) Antibody

Description: This polyclonal targets Phospho-PKA C (Thr197)

Target Organism: rat, h, m, mouse, r, human, mk

Antibody ID: AB_2300165

Vendor: Cell Signaling Technology

Catalog Number: 4781

Alternative Catalog Numbers: 4781S

Record Creation Time: 20250819T231623+0000

Record Last Update: 20250820T044936+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-PKA C (Thr197) Antibody.

No alerts have been found for Phospho-PKA C (Thr197) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Liu J, et al. (2026) Extracellular GPX4 impairs antitumor immunity via dendritic ZP3 receptors. Cell.

Ikegami M, et al. (2025) Hyperfunction of AMPA receptors in the amygdala and hippocampus contributes to enhanced fear memory in diabetic mice. Brain research, 1848, 149327.

Yang Y, et al. (2024) Dietary vitamin B3 supplementation induces the antitumor immunity against liver cancer via biased GPR109A signaling in myeloid cell. Cell reports. Medicine, 5(9), 101718.

Ji E, et al. (2024) The Chemokine CCL2 Promotes Excitatory Synaptic Transmission in Hippocampal Neurons via GluA1 Subunit Trafficking. Neuroscience bulletin.

Wang Z, et al. (2023) Enhanced glycolysis-mediated energy production in alveolar stem cells is required for alveolar regeneration. Cell stem cell, 30(8), 1028.

Liu X, et al. (2023) The TGR5 Agonist INT-777 Promotes Peripheral Nerve Regeneration by Activating cAMP-dependent Protein Kinase A in Schwann Cells. Molecular neurobiology, 60(4), 1901.

Liu X, et al. (2023) Immune checkpoint HLA-E:CD94-NKG2A mediates evasion of circulating tumor cells from NK cell surveillance. Cancer cell, 41(2), 272.

Zhang G, et al. (2022) The vesicular transporter STX11 governs ATGL-mediated hepatic lipolysis and lipophagy. iScience, 25(4), 104085.

Nasri A, et al. (2021) Nucleobindin-derived nesfatin-1 and nesfatin-1-like peptide stimulate pro-opiomelanocortin synthesis in murine AtT-20 corticotrophs through the cAMP/PKA/CREB signaling pathway. Molecular and cellular endocrinology, 536, 111401.

Schroeder S, et al. (2021) Dietary spermidine improves cognitive function. Cell reports, 35(2), 108985.

Soman SK, et al. (2021) Cleaved PINK1 induces neuronal plasticity through PKA-mediated BDNF functional regulation. Journal of neuroscience research, 99(9), 2134.

Lee CC, et al. (2019) Naa10p Inhibits Beige Adipocyte-Mediated Thermogenesis through N-?-acetylation of Pgc1?. Molecular cell, 76(3), 500.

Lian X, et al. (2019) The combination of metformin and 2-deoxyglucose significantly inhibits cyst formation in miniature pigs with polycystic kidney disease. *British journal of pharmacology*, 176(5), 711.

Balan I, et al. (2018) Innately activated TLR4 signal in the nucleus accumbens is sustained by CRF amplification loop and regulates impulsivity. *Brain, behavior, and immunity*, 69, 139.

Balan I, et al. (2018) The GABAA Receptor $\alpha 2$ Subunit Activates a Neuronal TLR4 Signal in the Ventral Tegmental Area that Regulates Alcohol and Nicotine Abuse. *Brain sciences*, 8(4).

Wang KZQ, et al. (2018) PINK1 Interacts with VCP/p97 and Activates PKA to Promote NSFL1C/p47 Phosphorylation and Dendritic Arborization in Neurons. *eNeuro*, 5(6).

Sahr A, et al. (2016) The Angiotensin-(1-7)/Mas Axis Improves Pancreatic β -Cell Function in Vitro and in Vivo. *Endocrinology*, 157(12), 4677.