

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*.

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.

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) 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.