

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Apr 8, 2025

PKA C-? Antibody

RRID:AB_2170170

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4782, RRID:AB_2170170)

Antibody Information

URL: http://antibodyregistry.org/AB_2170170

Proper Citation: (Cell Signaling Technology Cat# 4782, RRID:AB_2170170)

Target Antigen: PKA C-?

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IP, IF-IC, F. Consolidation on 10/2018: AB_10698746, AB_2170170.

Antibody Name: PKA C-? Antibody

Description: This polyclonal targets PKA C-?

Target Organism: rat, mouse, human

Antibody ID: AB_2170170

Vendor: Cell Signaling Technology

Catalog Number: 4782

Record Creation Time: 20231110T070143+0000

Record Last Update: 20241115T053332+0000

Ratings and Alerts

No rating or validation information has been found for PKA C-? Antibody.

No alerts have been found for PKA C-? Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Efentakis P, et al. (2024) Implications and hidden toxicity of cardiometabolic syndrome and early-stage heart failure in carfilzomib-induced cardiotoxicity. *British journal of pharmacology*, 181(16), 2964.

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.

Zhu W, et al. (2024) Activation of hepatic adenosine A1 receptor ameliorates MASH via inhibiting SREBPs maturation. *Cell reports. Medicine*, 5(3), 101477.

Mouery RD, et al. (2024) Proteomic analysis reveals a PLK1-dependent G2/M degradation program and a role for AKAP2 in coordinating the mitotic cytoskeleton. *Cell reports*, 43(8), 114510.

Ma RK, et al. (2024) DNAJB1-PRKACA fusion protein-regulated LINC00473 promotes tumor growth and alters mitochondrial fitness in fibrolamellar carcinoma. *PLoS genetics*, 20(3), e1011216.

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

Han SH, et al. (2023) COUP-TFII plays a role in cAMP-induced Schwann cell differentiation and in vitro myelination by up-regulating Krox20. *Journal of neurochemistry*.

Fan H, et al. (2023) Trans-vaccenic acid reprograms CD8+ T cells and anti-tumour immunity. *Nature*, 623(7989), 1034.

Kapadia B, et al. (2023) PIMT regulates hepatic gluconeogenesis in mice. *iScience*, 26(3), 106120.

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.

Mohr MA, et al. (2022) Puberty enables oestradiol-induced progesterone synthesis in female mouse hypothalamic astrocytes. *Journal of neuroendocrinology*, 34(6), e13082.

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

Jiang Y, et al. (2022) lncRNA lnc-POP1-1 upregulated by VN1R5 promotes cisplatin resistance in head and neck squamous cell carcinoma through interaction with MCM5. *Molecular therapy : the journal of the American Society of Gene Therapy*, 30(1), 448.

Cao X, et al. (2022) ACE2 pathway regulates thermogenesis and energy metabolism. *eLife*, 11.

Zhang Y, et al. (2021) FBF1 deficiency promotes beiging and healthy expansion of white adipose tissue. *Cell reports*, 36(5), 109481.

Latorre-Muro P, et al. (2021) A cold-stress-inducible PERK/OGT axis controls TOM70-assisted mitochondrial protein import and cristae formation. *Cell metabolism*, 33(3), 598.

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.

Kallemeijn WW, et al. (2021) Proteome-wide analysis of protein lipidation using chemical probes: in-gel fluorescence visualization, identification and quantification of N-myristoylation, N- and S-acylation, O-cholesterylation, S-farnesylation and S-geranylgeranylation. *Nature protocols*, 16(11), 5083.

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