

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

Phospho-PKA C (Thr197) (D45D3) Rabbit mAb

RRID:AB_10707163

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5661, RRID:AB_10707163

Antibody Information

URL: http://antibodyregistry.org/AB_10707163

Proper Citation: Cell Signaling Technology Cat# 5661, RRID:AB_10707163

Target Antigen: Phospho-PKA C (Thr197) (D45D3) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W

Antibody Name: Phospho-PKA C (Thr197) (D45D3) Rabbit mAb

Description: This monoclonal targets Phospho-PKA C (Thr197) (D45D3) Rabbit mAb

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

Antibody ID: AB_10707163

Vendor: Cell Signaling Technology

Catalog Number: 5661

Record Creation Time: 20250820T052746+0000

Record Last Update: 20250820T213725+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-PKA C (Thr197) (D45D3) Rabbit mAb.

No alerts have been found for Phospho-PKA C (Thr197) (D45D3) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Shrestha R, et al. (2025) Sex-dimorphic beta1-adrenergic receptor regulation of ventromedial hypothalamic nucleus astrocyte glucose sensing and glycogen metabolism. *Scientific reports*, 15(1), 26640.

Pasula MB, et al. (2024) Sex-dimorphic glucose transporter-2 regulation of cAMP-protein kinase A (PKA) C-alpha pathway activity and phosphorylation in rat hypothalamic primary astrocyte cultures. *The European journal of neuroscience*, 60(12), 7152.

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.

Li XY, et al. (2024) TGR5-mediated lateral hypothalamus-dCA3-dorsolateral septum circuit regulates depressive-like behavior in male mice. *Neuron*.

Zhai L, et al. (2023) *Ruminococcus gnavus* plays a pathogenic role in diarrhea-predominant irritable bowel syndrome by increasing serotonin biosynthesis. *Cell host & microbe*, 31(1), 33.

Yu B, et al. (2023) Glycolytic enzyme PFKFB3 regulates sphingosine 1-phosphate receptor 1 in proangiogenic glomerular endothelial cells under diabetic condition. *American journal of physiology. Cell physiology*, 325(5), C1354.

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

Fonseca FV, et al. (2022) S-nitrosylation is required for β 2AR desensitization and experimental asthma. *Molecular cell*, 82(16), 3089.

Li YC, et al. (2022) Muscone and (+)-Borneol Cooperatively Strengthen CREB Induction of Claudin 5 in IL-1 β -Induced Endothelium Injury. *Antioxidants (Basel, Switzerland)*, 11(8).

Stuani L, et al. (2021) Mitochondrial metabolism supports resistance to IDH mutant inhibitors in acute myeloid leukemia. *The Journal of experimental medicine*, 218(5).

Batista TM, et al. (2020) A Cell-Autonomous Signature of Dysregulated Protein Phosphorylation Underlies Muscle Insulin Resistance in Type 2 Diabetes. *Cell metabolism*, 32(5), 844.

Cisneros IE, et al. (2020) Methamphetamine Activates Trace Amine Associated Receptor 1 to Regulate Astrocyte Excitatory Amino Acid Transporter-2 via Differential CREB

Phosphorylation During HIV-Associated Neurocognitive Disorders. *Frontiers in neurology*, 11, 593146.

Guo W, et al. (2018) Effects of an ActRIIB.Fc Ligand Trap on Cardiac Function in Simian Immunodeficiency Virus-Infected Male Rhesus Macaques. *Journal of the Endocrine Society*, 2(8), 817.

Ruan CC, et al. (2018) A2A Receptor Activation Attenuates Hypertensive Cardiac Remodeling via Promoting Brown Adipose Tissue-Derived FGF21. *Cell metabolism*, 28(3), 476.