

Resource Summary Report

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

Phospho-PKCalpha/beta II (Thr638/641) Antibody

RRID:AB_2284224

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 9375, RRID:AB_2284224

Antibody Information

URL: http://antibodyregistry.org/AB_2284224

Proper Citation: Cell Signaling Technology Cat# 9375, RRID:AB_2284224

Target Antigen: Prkca

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IP. Consolidation on 10/2018: AB_10078668, AB_10829919, AB_2284224.

Antibody Name: Phospho-PKCalpha/beta II (Thr638/641) Antibody

Description: This polyclonal targets Prkca

Target Organism: rat, mouse, human

Antibody ID: AB_2284224

Vendor: Cell Signaling Technology

Catalog Number: 9375

Record Creation Time: 20250819T212409+0000

Record Last Update: 20250819T225022+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-PKCalpha/beta II (Thr638/641) Antibody.

No alerts have been found for Phospho-PKCalpha/beta II (Thr638/641) 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 [NIF](#) .

Zhang S, et al. (2026) BST2 expression at astrocyte borders promotes microglial recruitment via the C3/C3aR signaling. *Neuron*, 114(1), 67.

Manupati K, et al. (2025) Novel Metastasis Suppressor PI3KC2? Is Mediated by mTORC1 Signaling in Breast Cancer. *Molecular cancer research : MCR*, 23(9), 765.

Patel SS, et al. (2025) Induction of Triple-Negative Breast Cancer Cell Death and Chemosensitivity Using mTORC2-Directed RNAi Nanomedicine. *Cancer research communications*, 5(3), 458.

Lanz M, et al. (2025) mTORC2 Regulates Actin Polymerization in Auditory Cells. *Journal of neurochemistry*, 169(2), e70012.

Kaur G, et al. (2025) NADPH oxidase 1-PKC?-dependent ZO-1 phosphorylation mediates IL-33-induced inner blood-retinal barrier disruption in proliferative retinopathies. *American journal of physiology. Cell physiology*, 329(5), C1577.

Sadeghi M, et al. (2024) Biased signaling by mutant EGFR underlies dependence on PKC ? in lung adenocarcinoma. *Cell reports*, 43(12), 115026.

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.

Dahl KD, et al. (2023) mTORC2 Loss in Oligodendrocyte Progenitor Cells Results in Regional Hypomyelination in the Central Nervous System. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(4), 540.

Wang C, et al. (2023) Smad4-mediated angiogenesis facilitates the beiging of white adipose tissue in mice. *iScience*, 26(3), 106272.

Yan G, et al. (2022) BET inhibition induces vulnerability to MCL1 targeting through upregulation of fatty acid synthesis pathway in breast cancer. *Cell reports*, 40(11), 111304.

Baldelli E, et al. (2022) Analysis of neuroendocrine clones in NSCLCs using an immuno-guided laser-capture microdissection-based approach. *Cell reports methods*, 2(8), 100271.

Lee-Rivera I, et al. (2021) The PKC-? pseudosubstrate peptide induces glutamate release from retinal pigment epithelium cells through kinase- independent activation of Best1. *Life*

sciences, 265, 118860.

Agarwal S, et al. (2021) Deiodinase-3 is a thyrostat to regulate podocyte homeostasis. *EBioMedicine*, 72, 103617.

Sun XD, et al. (2020) Regulation of the firing activity by PKA-PKC-Src family kinases in cultured neurons of hypothalamic arcuate nucleus. *Journal of neuroscience research*, 98(2), 384.

Webster MR, et al. (2020) Paradoxical Role for Wild-Type p53 in Driving Therapy Resistance in Melanoma. *Molecular cell*, 77(3), 633.

Son SM, et al. (2019) Leucine Signals to mTORC1 via Its Metabolite Acetyl-Coenzyme A. *Cell metabolism*, 29(1), 192.

Pandey P, et al. (2018) Cardiomyocytes Sense Matrix Rigidity through a Combination of Muscle and Non-muscle Myosin Contractions. *Developmental cell*, 44(3), 326.