

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

Phospho-PDK1 (Ser241) Antibody

RRID:AB_2161919

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3061, RRID:AB_2161919

Antibody Information

URL: http://antibodyregistry.org/AB_2161919

Proper Citation: Cell Signaling Technology Cat# 3061, RRID:AB_2161919

Target Antigen: Pdpk1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IP. Consolidation on 10/2018: AB_10078546, AB_10078723, AB_2161311, AB_2161919.

Antibody Name: Phospho-PDK1 (Ser241) Antibody

Description: This polyclonal targets Pdpk1

Target Organism: rat, mouse, human

Antibody ID: AB_2161919

Vendor: Cell Signaling Technology

Catalog Number: 3061

Record Creation Time: 20231110T050113+0000

Record Last Update: 20260830T031615+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-PDK1 (Ser241) Antibody.

No alerts have been found for Phospho-PDK1 (Ser241) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Chen YL, et al. (2026) Endometrial stromal cell-derived TMAO sustains decidualization to prevent recurrent spontaneous abortion. *Cell metabolism*.

Yu J, et al. (2025) In Vitro Anticancer Activity of Phytol on Human Non-Small Cell Lung Cancer A549 Cells. *Integrative cancer therapies*, 24, 15347354251344592.

He B, et al. (2024) Arachidonic acid released by PIK3CA mutant tumor cells triggers malignant transformation of colonic epithelium by inducing chromatin remodeling. *Cell reports. Medicine*, 5(5), 101510.

Wang X, et al. (2022) PSMG2-controlled proteasome-autophagy balance mediates the tolerance for MEK-targeted therapy in triple-negative breast cancer. *Cell reports. Medicine*, 3(9), 100741.

Zamfirescu RC, et al. (2021) mTORC1/2 signaling is downregulated by amino acid-free culture of mouse preimplantation embryos and is only partially restored by amino acid readdition. *American journal of physiology. Cell physiology*, 320(1), C30.

Jiang Z, et al. (2021) Isthmin-1 is an adipokine that promotes glucose uptake and improves glucose tolerance and hepatic steatosis. *Cell metabolism*, 33(9), 1836.

Wong H, et al. (2020) Isoform-specific roles for AKT in affective behavior, spatial memory, and extinction related to psychiatric disorders. *eLife*, 9.

Li J, et al. (2019) Sirtuin 1 represses PKC- α activity through regulating interplay of acetylation and phosphorylation in cardiac hypertrophy. *British journal of pharmacology*, 176(3), 416.

Furlong RM, et al. (2019) The Parkinson's disease gene PINK1 activates Akt via PINK1 kinase-dependent regulation of the phospholipid PI(3,4,5)P3. *Journal of cell science*, 132(20).

Jia R, et al. (2019) Lysosome Positioning Influences mTORC2 and AKT Signaling. *Molecular cell*, 75(1), 26.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. *Cancer cell*, 33(3), 450.

Levenga J, et al. (2017) AKT isoforms have distinct hippocampal expression and roles in synaptic plasticity. *eLife*, 6.

Hurtado E, et al. (2017) Synaptic Activity and Muscle Contraction Increases PDK1 and PKC β Phosphorylation in the Presynaptic Membrane of the Neuromuscular Junction. *Frontiers in molecular neuroscience*, 10, 270.