

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

Phospho-Akt1 (Ser473) (D7F10) XP® Rabbit mAb (Akt1 Specific)

RRID:AB_2629283

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 9018, RRID:AB_2629283

Antibody Information

URL: http://antibodyregistry.org/AB_2629283

Proper Citation: Cell Signaling Technology Cat# 9018, RRID:AB_2629283

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC, F

Antibody Name: Phospho-Akt1 (Ser473) (D7F10) XP® Rabbit mAb (Akt1 Specific)

Description: This monoclonal targets

Antibody ID: AB_2629283

Vendor: Cell Signaling Technology

Catalog Number: 9018

Record Creation Time: 20250819T234048+0000

Record Last Update: 20250820T060515+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Akt1 (Ser473) (D7F10) XP® Rabbit mAb (Akt1 Specific).

No alerts have been found for Phospho-Akt1 (Ser473) (D7F10) XP® Rabbit mAb (Akt1 Specific).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Kadam R, et al. (2026) Optineurin modulates mTORC2/AKT/STAT3 signaling to control MHC class II expression and adaptive immunity against HSV-1. *Cell reports*, 45(4), 117263.

Fidaleo AM, et al. (2026) LRRC8A-containing anion channels promote glioblastoma proliferation via a WNK1/mTORC2-dependent mechanism. *The Journal of physiology*, 604(5), 1995.

Billmann M, et al. (2026) Global genetic interaction network of a human cell maps conserved principles and informs functional interpretation of gene co-essentiality profiles. *Cell*, 189(12), 3736.

Zaidi Y, et al. (2025) Loss of neurofibromin induces inflammatory macrophage phenotypic switch and retinal neovascularization via GLUT1 activation. *Cell reports*, 44(5), 115625.

Tosi G, et al. (2024) Cancer cell stiffening via CoQ10 and UBIAD1 regulates ECM signaling and ferroptosis in breast cancer. *Nature communications*, 15(1), 8214.

Zhong J, et al. (2024) Distinct roles of TREM2 in central nervous system cancers and peripheral cancers. *Cancer cell*, 42(6), 968.

Mao YQ, et al. (2024) DPCD is a regulator of R2TP in ciliogenesis initiation through Akt signaling. *Cell reports*, 43(2), 113713.

Kumar A, et al. (2024) Lysosomal LRRC8 complex regulates lysosomal pH, morphology and systemic glucose metabolism. *bioRxiv : the preprint server for biology*.

Kumar K, et al. (2024) SWI/SNF complex-mediated chromatin remodeling in *Candida glabrata* promotes immune evasion. *iScience*, 27(4), 109607.

Di Giorgio E, et al. (2023) Suppression of the KRAS-NRF2 axis shifts arginine into the phosphocreatine energy system in pancreatic cancer cells. *iScience*, 26(12), 108566.

Liang W, et al. (2023) Airway dysbiosis accelerates lung function decline in chronic obstructive pulmonary disease. *Cell host & microbe*, 31(6), 1054.

Qi L, et al. (2023) VEGFR-3 signaling restrains the neuron-macrophage crosstalk during neurotropic viral infection. *Cell reports*, 42(5), 112489.

Gonzalez ME, et al. (2022) EZH2 T367 phosphorylation activates p38 signaling through lysine methylation to promote breast cancer progression. *iScience*, 25(8), 104827.

Hu SH, et al. (2022) Methylene-bridge tryptophan fatty acylation regulates PI3K-AKT signaling and glucose uptake. *Cell reports*, 38(11), 110509.

Cha Y, et al. (2021) SIRT2 regulates mitochondrial dynamics and reprogramming via MEK1-ERK-DRP1 and AKT1-DRP1 axes. *Cell reports*, 37(13), 110155.

Zhang T, et al. (2021) Akt3-mTOR regulates hippocampal neurogenesis in adult mouse. *Journal of neurochemistry*, 159(3), 498.

Rodrigues AC, et al. (2021) Intramuscular Injection of miR-1 Reduces Insulin Resistance in Obese Mice. *Frontiers in physiology*, 12, 676265.

Wang J, et al. (2020) Prefrontal inhibition of neuronal Kv 7 channels enhances prepulse inhibition of acoustic startle reflex and resistance to hypofrontality. *British journal of pharmacology*, 177(20), 4720.

Kumar A, et al. (2020) SWELL1 regulates skeletal muscle cell size, intracellular signaling, adiposity and glucose metabolism. *eLife*, 9.

Hsiao WY, et al. (2020) The Lipid Handling Capacity of Subcutaneous Fat Is Programmed by mTORC2 during Development. *Cell reports*, 33(1), 108223.