

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

AKT1 (phospho S473) antibody [EP2109Y]

RRID:AB_2224551

Type: Antibody

Proper Citation

Abcam Cat# ab81283, RRID:AB_2224551

Antibody Information

URL: http://antibodyregistry.org/AB_2224551

Proper Citation: Abcam Cat# ab81283, RRID:AB_2224551

Target Antigen: Akt1

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, immunohistochemistry, immunocytochemistry

Antibody Name: AKT1 (phospho S473) antibody [EP2109Y]

Description: This monoclonal targets Akt1

Target Organism: mouse, human

Antibody ID: AB_2224551

Vendor: Abcam

Catalog Number: ab81283

Record Creation Time: 20250819T235033+0000

Record Last Update: 20250820T063521+0000

Ratings and Alerts

No rating or validation information has been found for AKT1 (phospho S473) antibody [EP2109Y].

No alerts have been found for AKT1 (phospho S473) antibody [EP2109Y].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Fu Z, et al. (2025) Empty Spiracles Homeobox 2 Transcription Factor Functions as a Tumor Suppressor in Renal Cell Carcinoma by Targeting CADM1. Molecular cancer research : MCR, 23(7), 597.

Blidner AG, et al. (2025) Glycosylation-driven programs coordinate immunoregulatory and pro-angiogenic functions of myeloid-derived suppressor cells. Immunity, 58(6), 1553.

Yang H, et al. (2025) FAM49B mediates tumor progression and poor prognosis of gastric cancer through activating PI3K/AKT pathway. Journal of molecular histology, 56(5), 291.

McMenemy CM, et al. (2024) 14-3-3 γ /Stratifin and p21 limit AKT-related malignant progression in skin carcinogenesis following MDM2-associated p53 loss. Molecular carcinogenesis, 63(9), 1768.

Meadows SM, et al. (2024) Hippocampal astrocytes induce sex-dimorphic effects on memory. Cell reports, 43(6), 114278.

Frisbie L, et al. (2024) Carcinoma-associated mesenchymal stem cells promote ovarian cancer heterogeneity and metastasis through mitochondrial transfer. Cell reports, 43(8), 114551.

Tanaka A, et al. (2024) Proteogenomic characterization of pancreatic neuroendocrine tumors uncovers hypoxia and immune signatures in clinically aggressive subtypes. iScience, 27(8), 110544.

Tanaka A, et al. (2024) Proteogenomic characterization of primary colorectal cancer and metastatic progression identifies proteome-based subtypes and signatures. Cell reports, 43(2), 113810.

Zhu S, et al. (2024) Integrating Network Pharmacology and Experimental Verification to Explore the Pharmacological Mechanisms of Radix Paeoniae Rubra Against Glioma. Applied biochemistry and biotechnology.

Chen PJ, et al. (2023) Palbociclib blocks neutrophilic phosphatidylinositol 3-kinase activity to alleviate psoriasiform dermatitis. British journal of pharmacology.

Shang J, et al. (2023) Resistin targets TAZ to promote osteogenic differentiation through PI3K/AKT/mTOR pathway. iScience, 26(7), 107025.

Yu J, et al. (2023) VPS35 promotes cell proliferation via EGFR recycling and enhances EGFR inhibitors response in gastric cancer. *EBioMedicine*, 89, 104451.

Zhao J, et al. (2023) Mechanical pressure-induced dedifferentiation of myofibroblasts inhibits scarring via SMYD3/ITGBL1 signaling. *Developmental cell*, 58(13), 1139.

Licht-Murava A, et al. (2023) Astrocytic TDP-43 dysregulation impairs memory by modulating antiviral pathways and interferon-inducible chemokines. *Science advances*, 9(16), eade1282.

Oh S, et al. (2023) Non-bioenergetic roles of mitochondrial GPD2 promote tumor progression. *Theranostics*, 13(2), 438.

Bae H, et al. (2022) PH domain-mediated autoinhibition and oncogenic activation of Akt. *eLife*, 11.

Burton JJN, et al. (2022) Regulation of mouse primordial follicle formation by signaling through the PI3K pathway†. *Biology of reproduction*, 106(3), 515.

Akusjärvi SS, et al. (2022) Integrative proteo-transcriptomic and immunophenotyping signatures of HIV-1 elite control phenotype: A cross-talk between glycolysis and HIF signaling. *iScience*, 25(1), 103607.

Liang C, et al. (2022) Mitochondrial microproteins link metabolic cues to respiratory chain biogenesis. *Cell reports*, 40(7), 111204.

Sun Y, et al. (2021) Expression of miRNA-29 in Pancreatic β Cells Promotes Inflammation and Diabetes via TRAF3. *Cell reports*, 34(1), 108576.