

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

pan-AKT (phospho T308) antibody

RRID:AB_722678

Type: Antibody

Proper Citation

Abcam Cat# ab38449, RRID:AB_722678

Antibody Information

URL: http://antibodyregistry.org/AB_722678

Proper Citation: Abcam Cat# ab38449, RRID:AB_722678

Target Antigen: AKT1 (phospho T308)

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunohistochemistry; Western Blot; ELISA, Immunohistochemistry-P, Western Blot

Antibody Name: pan-AKT (phospho T308) antibody

Description: This polyclonal targets AKT1 (phospho T308)

Target Organism: rat, mouse, human

Antibody ID: AB_722678

Vendor: Abcam

Catalog Number: ab38449

Record Creation Time: 20250819T235510+0000

Record Last Update: 20250820T064925+0000

Ratings and Alerts

No rating or validation information has been found for pan-AKT (phospho T308) antibody.

No alerts have been found for pan-AKT (phospho T308) antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Guo Y, et al. (2026) Macrophage glycine transporter supports IL-1 γ production by modulating the AKT1/mTOR/NLRP3 pathway. *Cell reports*, 45(1), 116683.

Zhao Z, et al. (2026) Wound Healing Effects of Polyethylene Glycol Loxenatide via PI3K/AKT Pathway: In Vitro Evaluation in Human Keratinocytes. *Journal of diabetes research*, 2026(1), e6683809.

Liu H, et al. (2025) High cellular plasticity state of medulloblastoma local recurrence and distant dissemination. *Cell reports. Medicine*, 6(1), 101914.

Imani-Almas E, et al. (2025) 4-aminopyridine exerts anxiolytic and pro-cognitive effects in mice model of medial prefrontal cortex ischemia. *Metabolic brain disease*, 40(7), 264.

Huang S, et al. (2025) Low-intensity-pulsed-ultrasound-treated menstrual-blood-derived mesenchymal stem cells repair endometrial injury by PI3K/AKT pathway inhibition. *Reproductive biomedicine online*, 50(3), 104486.

Zheng H, et al. (2024) PDGFR α +ITGA11+ fibroblasts foster early-stage cancer lymphovascular invasion and lymphatic metastasis via ITGA11-SELE interplay. *Cancer cell*.

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*.

Zhang R, et al. (2024) Cognitive-exercise dual-task promotes cognitive function recovery in chronic cerebral ischemia male rats through regulating PI3K/Akt signaling pathway via inhibition of EphrinA3/EphA4. *Journal of neuroscience research*, 102(1).

Li S, et al. (2024) Extracellular Vesicles Derived from Glioma Stem Cells Affect Glycometabolic Reprogramming of Glioma Cells Through the miR-10b-5p/PTEN/PI3K/Akt Pathway. *Stem cell reviews and reports*, 20(3), 779.

Romero-Zerbo SY, et al. (2024) New molecular mechanisms to explain the neuroprotective effects of insulin-like growth factor II in a cellular model of Parkinson's disease. *Journal of advanced research*.

Xue LX, et al. (2023) miR-181b promotes angiogenesis and neurological function recovery after ischemic stroke. *Neural regeneration research*, 18(9), 1983.

Jiang J, et al. (2023) Phosphorylated S6K1 and 4E-BP1 play different roles in constitutively active Rheb-mediated retinal ganglion cell survival and axon regeneration after optic nerve injury. *Neural regeneration research*, 18(11), 2526.

Li RM, et al. (2023) Overexpression of fibroblast growth factor 13 ameliorates amyloid- β -induced neuronal damage. *Neural regeneration research*, 18(6), 1347.

Yang F, et al. (2023) Ferroptosis heterogeneity in triple-negative breast cancer reveals an innovative immunotherapy combination strategy. *Cell metabolism*, 35(1), 84.

Tian H, et al. (2022) Akt pathway activation reduces platelet apoptosis and contributes to the increase of platelet counts in solid tumor patients. *Platelets*, 33(7), 1009.

Ge X, et al. (2022) Fumarate inhibits PTEN to promote tumorigenesis and therapeutic resistance of type2 papillary renal cell carcinoma. *Molecular cell*, 82(7), 1249.

Yan JN, et al. (2022) Schwann cells differentiated from skin-derived precursors provide neuroprotection via autophagy inhibition in a cellular model of Parkinson's disease. *Neural regeneration research*, 17(6), 1357.

Theobald L, et al. (2021) Chemoradiotherapy-induced increase in Th17 cell frequency in cervical cancer patients is associated with therapy resistance and early relapse. *Molecular oncology*, 15(12), 3559.

Ran Y, et al. (2021) Melatonin Protects Against Ischemic Brain Injury by Modulating PI3K/AKT Signaling Pathway via Suppression of PTEN Activity. *ASN neuro*, 13, 17590914211022888.

Du X, et al. (2020) Combinational Pretreatment of Colony-Stimulating Factor 1 Receptor Inhibitor and Triptolide Upregulates BDNF-Akt and Autophagic Pathways to Improve Cerebral Ischemia. *Mediators of inflammation*, 2020, 8796103.