Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 7, 2025

Akt (pan) (C67E7) Rabbit mAb

RRID:AB_915783
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4691, RRID:AB_915783)

Antibody Information

URL: http://antibodyregistry.org/AB_915783

Proper Citation: (Cell Signaling Technology Cat# 4691, RRID:AB_915783)

Target Antigen: Akt (pan) (C67E7) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC, F. Consolidation on 7/2016: AB_10827892, AB_915785.
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Akt (pan) (C67E7) Rabbit mAb

Description: This monoclonal targets Akt (pan) (C67E7) Rabbit mAb

Target Organism: rat, h, dm, m, mouse, r, non-human primate, drosophila/arthropod, human, mk

Defining Citation: PMID:23602964

Antibody ID: AB_915783

Vendor: Cell Signaling Technology

Catalog Number: 4691

Alternative Catalog Numbers: 4691P, 4691L, 4691S

Record Creation Time: 20231110T075453+0000

Record Last Update: 20241114T235824+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Akt (pan) (C67E7) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 457 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Wang R, et al. (2024) H3K9 lactylation in malignant cells facilitates CD8+ T cell dysfunction and poor immunotherapy response. Cell reports, 43(9), 114686.

Yeh TY, et al. (2024) GM1 ganglioside protects against LPS-induced neuroinflammatory and oxidative responses by inhibiting the activation of Akt, TAK1 and NADPH oxidase in MG6 microglial cells. Glycobiology, 34(1).

Deng C, et al. (2024) Extracellular-vesicle-packaged S100A11 from osteosarcoma cells mediates lung premetastatic niche formation by recruiting gMDSCs. Cell reports, 43(2), 113751.

Pu T, et al. (2024) Stromal-derived MAOB promotes prostate cancer growth and progression. Science advances, 10(6), eadi4935.

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

Saidia AR, et al. (2024) Oxidative Stress Plays an Important Role in Glutamatergic Excitotoxicity-Induced Cochlear Synaptopathy: Implication for Therapeutic Molecules Screening. Antioxidants (Basel, Switzerland), 13(2).

Zutshi N, et al. (2024) Cbl and Cbl-b ubiquitin ligases are essential for intestinal epithelial stem cell maintenance. iScience, 27(6), 109912.

Verkerke ARP, et al. (2024) BCAA-nitrogen flux in brown fat controls metabolic health independent of thermogenesis. Cell, 187(10), 2359.

Deng R, et al. (2024) ISG12a promotes immunotherapy of HBV-associated hepatocellular carcinoma through blocking TRIM21/AKT/?-catenin/PD-L1 axis. iScience, 27(4), 109533.

Khouri H, et al. (2024) Acetoacetate and d- and l-?-hydroxybutyrate have distinct effects on basal and insulin-stimulated glucose uptake in L6 skeletal muscle cells. American journal of physiology. Cell physiology, 326(6), C1710.

Gallage S, et al. (2024) A 5:2 intermittent fasting regimen ameliorates NASH and fibrosis and blunts HCC development via hepatic PPAR? and PCK1. Cell metabolism, 36(6), 1371.

Uda M, et al. (2024) Effects of hindlimb unloading on the mevalonate and mechanistic target of rapamycin complex 1 signaling pathways in a fast-twitch muscle in rats. Physiological reports, 12(5), e15969.

Kim H, et al. (2024) MTOR modulation induces selective perturbations in histone methylation which influence the anti-proliferative effects of mTOR inhibitors. iScience, 27(3), 109188.

Li X, et al. (2024) Deficiency of CBL and CBLB ubiquitin ligases leads to hyper T follicular helper cell responses and lupus by reducing BCL6 degradation. Immunity, 57(7), 1603.

Niu W, et al. (2024) Development of stemness-related signature to optimize prognosis prediction and identify XMD8-85 as a novel therapeutic compound for glioma. Cellular signalling, 120, 111231.

Deng S, et al. (2024) ITPRIPL1 binds CD3? to impede T cell activation and enable tumor immune evasion. Cell, 187(9), 2305.

McNutt SW, et al. (2024) Phosphorylation-Driven Epichaperome Assembly: A Critical Regulator of Cellular Adaptability and Proliferation. Research square.

Fu JY, et al. (2024) Lysine acetyltransferase 6A maintains CD4+ T cell response via epigenetic reprogramming of glucose metabolism in autoimmunity. Cell metabolism, 36(3), 557.

Wang X, et al. (2024) Adipocyte-derived ferroptotic signaling mitigates obesity. Cell metabolism.

Kato Y, et al. (2024) Protocol for gene knockdown using siRNA in primary cultured neonatal murine microglia. STAR protocols, 5(1), 102867.