

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

Phospho-Raptor (Ser792) Antibody

RRID:AB_2249475

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2083, RRID:AB_2249475

Antibody Information

URL: http://antibodyregistry.org/AB_2249475

Proper Citation: Cell Signaling Technology Cat# 2083, RRID:AB_2249475

Target Antigen: Phospho-Raptor (Ser792)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 10/2018: AB_10285374, AB_10288240, AB_2249475.

Antibody Name: Phospho-Raptor (Ser792) Antibody

Description: This polyclonal targets Phospho-Raptor (Ser792)

Target Organism: rat, h, m, mouse, r, human

Antibody ID: AB_2249475

Vendor: Cell Signaling Technology

Catalog Number: 2083

Record Creation Time: 20250820T023626+0000

Record Last Update: 20250820T140203+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Raptor (Ser792) Antibody.

No alerts have been found for Phospho-Raptor (Ser792) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Mao Y, et al. (2026) AMPK γ 2 signals amino acid insufficiency to inhibit protein synthesis. *Cell metabolism*, 38(1), 192.

Li Y, et al. (2025) Lactylation of mTOR enhances autophagy in skeletal muscle during exercise. *Cell chemical biology*, 32(11), 1367.

Ali Y, et al. (2024) mTOR Regulates Mineralocorticoid Receptor Transcriptional Activity by ULK1-Dependent and -Independent Mechanisms. *Endocrinology*, 165(4).

Zarco N, et al. (2024) Resistance to spindle inhibitors in glioblastoma depends on STAT3 and therapy induced senescence. *iScience*, 27(12), 111311.

Efentakis P, et al. (2024) Implications and hidden toxicity of cardiometabolic syndrome and early-stage heart failure in carfilzomib-induced cardiotoxicity. *British journal of pharmacology*, 181(16), 2964.

Neopane K, et al. (2022) Blocking AMPK γ 1 myristoylation enhances AMPK activity and protects mice from high-fat diet-induced obesity and hepatic steatosis. *Cell reports*, 41(12), 111862.

Ali Y, et al. (2022) Mammalian Target of Rapamycin Inhibition Decreases Angiotensin II-Induced Steroidogenesis in HAC15 Human Adrenocortical Carcinoma Cells. *Endocrinology*, 164(1).

Zhou Q, et al. (2022) Energy sensor AMPK γ regulates translation via phosphatase PPP6C independent of AMPK α . *Molecular cell*, 82(24), 4700.

Zhang Q, et al. (2022) AMPK directly phosphorylates TBK1 to integrate glucose sensing into innate immunity. *Molecular cell*, 82(23), 4519.

Kim SH, et al. (2022) Electroconvulsive seizure inhibits the mTOR signaling pathway via AMPK in the rat frontal cortex. *Psychopharmacology*, 239(2), 443.

Najafov A, et al. (2021) RIPK1 Promotes Energy Sensing by the mTORC1 Pathway. *Molecular cell*, 81(2), 370.

Kuramoto K, et al. (2021) The autophagy protein Becn1 improves insulin sensitivity by promoting adiponectin secretion via exocyst binding. *Cell reports*, 35(8), 109184.

Zhou B, et al. (2021) Serum- and glucocorticoid-induced kinase drives hepatic insulin resistance by directly inhibiting AMP-activated protein kinase. *Cell reports*, 37(1), 109785.

Hsu CC, et al. (2021) Inositol serves as a natural inhibitor of mitochondrial fission by directly targeting AMPK. *Molecular cell*, 81(18), 3803.

De Bacco F, et al. (2021) ERBB3 overexpression due to miR-205 inactivation confers sensitivity to FGF, metabolic activation, and liability to ERBB3 targeting in glioblastoma. *Cell reports*, 36(4), 109455.

Xu F, et al. (2021) Lysophosphatidic acid shifts metabolic and transcriptional landscapes to induce a distinct cellular state in human pluripotent stem cells. *Cell reports*, 37(9), 110063.

Di Magno L, et al. (2020) Phenformin Inhibits Hedgehog-Dependent Tumor Growth through a Complex I-Independent Redox/Corepressor Module. *Cell reports*, 30(6), 1735.

Dohmen M, et al. (2020) AMPK-dependent activation of the Cyclin Y/CDK16 complex controls autophagy. *Nature communications*, 11(1), 1032.

Hermanova I, et al. (2020) Genetic manipulation of LKB1 elicits lethal metastatic prostate cancer. *The Journal of experimental medicine*, 217(6).

Romero-Pozuelo J, et al. (2020) Cdk4 and Cdk6 Couple the Cell-Cycle Machinery to Cell Growth via mTORC1. *Cell reports*, 31(2), 107504.