

Resource Summary Report

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

Anti-Raptor, phospho (Ser792) Antibody, Unconjugated

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: KIAA1303

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: Anti-Raptor, phospho (Ser792) Antibody, Unconjugated

Description: This polyclonal targets KIAA1303

Target Organism: rat, mouse, human

Antibody ID: AB_2249475

Vendor: Cell Signaling Technology

Catalog Number: 2083

Record Creation Time: 20250820T042730+0000

Record Last Update: 20250820T190118+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Raptor, phospho (Ser792) Antibody, Unconjugated.

No alerts have been found for Anti-Raptor, phospho (Ser792) Antibody, Unconjugated.

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.