# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 2, 2025

## 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:** 20241016T215844+0000

**Record Last Update:** 20241016T215858+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 28 mentions in open access literature.

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


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

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 ?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 gamma regulates translation via phosphatase PPP6C independent of AMPK alpha. 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.

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

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

Liang JR, et al. (2020) A Genome-wide ER-phagy Screen Highlights Key Roles of Mitochondrial Metabolism and ER-Resident UFMylation. Cell, 180(6), 1160.

Hawley SA, et al. (2020) Mechanism of Activation of AMPK by Cordycepin. Cell chemical biology, 27(2), 214.

Garcia D, et al. (2019) Genetic Liver-Specific AMPK Activation Protects against Diet-Induced Obesity and NAFLD. Cell reports, 26(1), 192.