

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

Rictor Antibody

RRID:AB_2179961

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2140, RRID:AB_2179961

Antibody Information

URL: http://antibodyregistry.org/AB_2179961

Proper Citation: Cell Signaling Technology Cat# 2140, RRID:AB_2179961

Target Antigen: RICTOR

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 10/2018: AB_10695405, AB_2179961.

Antibody Name: Rictor Antibody

Description: This polyclonal targets RICTOR

Target Organism: rat, mouse, human

Antibody ID: AB_2179961

Vendor: Cell Signaling Technology

Catalog Number: 2140

Record Creation Time: 20231110T045941+0000

Record Last Update: 20260901T014646+0000

Ratings and Alerts

No rating or validation information has been found for Rictor Antibody.

No alerts have been found for Rictor Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Shin S, et al. (2025) mTOR inhibition reprograms cellular lipid homeostasis by inducing alternative lipid uptake and promoting cholesterol transport. *Molecular cell*, 85(18), 3486.

Turnham RE, et al. (2025) HBV Remodels PP2A Complexes to Rewire Kinase Signaling in Hepatocellular Carcinoma. *Cancer research*, 85(4), 660.

VanDerMolen KR, et al. (2025) Non-cell-autonomous regulation of mTORC2 by Hedgehog signaling maintains lipid homeostasis. *Cell reports*, 44(1), 115191.

Zou X, et al. (2024) Hypoxia-inducible factor 2?? promotes pathogenic polarization of stem-like Th2 cells via modulation of phospholipid metabolism. *Immunity*, 57(12), 2808.

Dahl KD, et al. (2023) mTORC2 Loss in Oligodendrocyte Progenitor Cells Results in Regional Hypomyelination in the Central Nervous System. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(4), 540.

Shin S, et al. (2023) mTOR inhibition reprograms cellular proteostasis by regulating eIF3D-mediated selective mRNA translation and promotes cell phenotype switching. *Cell reports*, 42(8), 112868.

Godale CM, et al. (2022) Impact of Raptor and Rictor Deletion on Hippocampal Pathology Following Status Epilepticus. *Journal of molecular neuroscience : MN*, 72(6), 1243.

Engmann AK, et al. (2022) Neuronal subtype-specific growth cone and soma purification from mammalian CNS via fractionation and fluorescent sorting for subcellular analyses and spatial mapping of local transcriptomes and proteomes. *Nature protocols*, 17(2), 222.

Michalopoulou E, et al. (2020) Macropinocytosis Renders a Subset of Pancreatic Tumor Cells Resistant to mTOR Inhibition. *Cell reports*, 30(8), 2729.

Koundouros N, et al. (2020) Metabolic Fingerprinting Links Oncogenic PIK3CA with Enhanced Arachidonic Acid-Derived Eicosanoids. *Cell*, 181(7), 1596.

Wang Y, et al. (2020) Pharmacological Targeting of Vacuolar H⁺-ATPase via Subunit V1G Combats Multidrug-Resistant Cancer. *Cell chemical biology*, 27(11), 1359.

Zhan H, et al. (2020) An Excitable Ras/PI3K/ERK Signaling Network Controls Migration and Oncogenic Transformation in Epithelial Cells. *Developmental cell*, 54(5), 608.

Jia R, et al. (2019) Lysosome Positioning Influences mTORC2 and AKT Signaling. *Molecular cell*, 75(1), 26.

Yu D, et al. (2019) Calorie-Restriction-Induced Insulin Sensitivity Is Mediated by Adipose mTORC2 and Not Required for Lifespan Extension. *Cell reports*, 29(1), 236.