

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

Phospho-mTOR (Ser2481) Antibody

RRID:AB_2262884

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2974, RRID:AB_2262884

Antibody Information

URL: http://antibodyregistry.org/AB_2262884

Proper Citation: Cell Signaling Technology Cat# 2974, RRID:AB_2262884

Target Antigen: FRAP1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 11/2018: AB_10077533, AB_10078318, AB_10828488, AB_2231885, AB_2262884.

Antibody Name: Phospho-mTOR (Ser2481) Antibody

Description: This polyclonal targets FRAP1

Target Organism: rat, mouse, human

Antibody ID: AB_2262884

Vendor: Cell Signaling Technology

Catalog Number: 2974

Record Creation Time: 20250820T044356+0000

Record Last Update: 20250820T194659+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-mTOR (Ser2481) Antibody.

No alerts have been found for Phospho-mTOR (Ser2481) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Xu Y, et al. (2025) The cGAS-STING pathway activates transcription factor TFEB to stimulate lysosome biogenesis and pathogen clearance. *Immunity*, 58(2), 309.

Zamzamy M, et al. (2025) Synergistic antiviral activity against human adenovirus through combination of itraconazole and brincidofovir. *British journal of pharmacology*.

Gupta KB, et al. (2024) Cytotoxic Autophagy: A Novel Treatment Paradigm against Breast Cancer Using Oleanolic Acid and Ursolic Acid. *Cancers*, 16(19).

Wang L, et al. (2024) Map-1a regulates Sertoli cell BTB dynamics through the cytoskeletal organization of microtubule and F-actin. *Reproductive biology and endocrinology : RB&E*, 22(1), 36.

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

Bu T, et al. (2024) The Planar Cell Polarity Protein Fat1 in Sertoli Cell Function. *Endocrinology*, 165(6).

Gallagher ER, et al. (2024) Lysosomal damage triggers a p38 MAPK-dependent phosphorylation cascade to promote lysophagy via the small heat shock protein HSP27. *Current biology : CB*, 34(24), 5739.

Pinanga YD, et al. (2023) TM4SF5-mediated abnormal food-intake behavior and apelin expression facilitate non-alcoholic fatty liver disease features. *iScience*, 26(9), 107625.

Aroor A, et al. (2023) Endothelial cell-specific mineralocorticoid receptor activation promotes diastolic dysfunction in diet-induced obese male mice. *American journal of physiology. Regulatory, integrative and comparative physiology*, 324(1), R90.

Capelo-Diz A, et al. (2023) Hepatic levels of S-adenosylmethionine regulate the adaptive response to fasting. *Cell metabolism*, 35(8), 1373.

Qian F, et al. (2023) Activation of GPR44 decreases severity of myeloid leukemia via specific targeting of leukemia initiating stem cells. *Cell reports*, 42(7), 112794.

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.

Wang T, et al. (2023) FERM domain-containing protein FRMD6 activates the mTOR signaling pathway and promotes lung cancer progression. *Frontiers of medicine*.

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

Agrawal Y, et al. (2022) F-box protein FBXO41 plays vital role in arsenic trioxide-mediated autophagic death of cancer cells. *Toxicology and applied pharmacology*, 441, 115973.

Oo SM, et al. (2022) Selenoprotein P-mediated reductive stress impairs cold-induced thermogenesis in brown fat. *Cell reports*, 38(13), 110566.

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

Liedmann S, et al. (2022) Localization of a TORC1-eIF4F translation complex during CD8+ T cell activation drives divergent cell fate. *Molecular cell*, 82(13), 2401.

Wang M, et al. (2021) Programmed PPAR- γ downregulation induces inflammaging by suppressing fatty acid catabolism in monocytes. *iScience*, 24(7), 102766.

Davidson CD, et al. (2021) Thyroid Hormone Receptor Beta Inhibits PI3K-Akt-mTOR Signaling Axis in Anaplastic Thyroid Cancer via Genomic Mechanisms. *Journal of the Endocrine Society*, 5(8), bvab102.