

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

Recombinant Anti-mTOR (phospho S2448) antibody [EPR426(2)]

RRID:AB_10888105

Type: Antibody

Proper Citation

Abcam Cat# ab109268, RRID:AB_10888105

Antibody Information

URL: http://antibodyregistry.org/AB_10888105

Proper Citation: Abcam Cat# ab109268, RRID:AB_10888105

Target Antigen: mTOR (phospho S2448)

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB, IHC-P, Dot blot, IHC-Fr

Antibody Name: Recombinant Anti-mTOR (phospho S2448) antibody [EPR426(2)]

Description: This recombinant monoclonal targets mTOR (phospho S2448)

Target Organism: mouse, human

Antibody ID: AB_10888105

Vendor: Abcam

Catalog Number: ab109268

Record Creation Time: 20231110T063743+0000

Record Last Update: 20260829T064533+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-mTOR (phospho S2448) antibody [EPR426(2)].

No alerts have been found for Recombinant Anti-mTOR (phospho S2448) antibody [EPR426(2)].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Gu Z, et al. (2026) High intensity 40 Hz flicker improves amyloid pathology and cognition with autophagy in 3xTg mice. iScience, 29(6), 115994.

Bai G, et al. (2026) LARS promotes osteosarcoma proliferation through leucine-dependent PRIM2 translation and DNA replication activation. Journal of experimental & clinical cancer research : CR, 45(1).

Wu K, et al. (2025) COPS2 coordinates biphasic autophagy hijacking for non-lytic propagation of enveloped RNA viruses. Cell reports, 44(12), 116594.

Uhari-Väänänen J, et al. (2025) A prolyl oligopeptidase ligand blocks memory deficit in a repeated mild traumatic brain injury model. Experimental neurology, 394, 115454.

Wu J, et al. (2025) Targeting mitochondrial complex I of CD177+ neutrophils alleviates lung ischemia-reperfusion injury. Cell reports. Medicine, 6(5), 102140.

Wang S, et al. (2024) Region-specific cellular and molecular basis of liver regeneration after acute pericentral injury. Cell stem cell, 31(3), 341.

Shang J, et al. (2023) Resistin targets TAZ to promote osteogenic differentiation through PI3K/AKT/mTOR pathway. iScience, 26(7), 107025.

Oh S, et al. (2023) Non-bioenergetic roles of mitochondrial GPD2 promote tumor progression. Theranostics, 13(2), 438.

Lin SR, et al. (2022) Bradykinin postconditioning protects rat hippocampal neurons after restoration of spontaneous circulation following cardiac arrest via activation of the AMPK/mTOR signaling pathway. Neural regeneration research, 17(10), 2232.

Shields MA, et al. (2022) G¹³ loss in Kras/Tp53 mouse model of pancreatic tumorigenesis promotes tumors susceptible to rapamycin. Cell reports, 38(9), 110441.

Ge P, et al. (2022) M. tuberculosis PknG manipulates host autophagy flux to promote pathogen intracellular survival. Autophagy, 18(3), 576.

Akusjärvi SS, et al. (2022) Integrative proteo-transcriptomic and immunophenotyping signatures of HIV-1 elite control phenotype: A cross-talk between glycolysis and HIF signaling. iScience, 25(1), 103607.

Liu Y, et al. (2022) Pharmacological inhibition of sphingolipid synthesis reduces ferroptosis by stimulating the HIF-1 pathway. *iScience*, 25(7), 104533.

Huang ZN, et al. (2021) Inhibition of p38 Mitogen-Activated Protein Kinase Ameliorates HAP40 Depletion-Induced Toxicity and Proteasomal Defect in Huntington's Disease Model. *Molecular neurobiology*, 58(6), 2704.

Kawakita E, et al. (2021) Metformin Mitigates DPP-4 Inhibitor-Induced Breast Cancer Metastasis via Suppression of mTOR Signaling. *Molecular cancer research : MCR*, 19(1), 61.

Rodrigues DC, et al. (2020) Shifts in Ribosome Engagement Impact Key Gene Sets in Neurodevelopment and Ubiquitination in Rett Syndrome. *Cell reports*, 30(12), 4179.

Endoh M, et al. (2020) A FLCN-TFE3 Feedback Loop Prevents Excessive Glycogenesis and Phagocyte Activation by Regulating Lysosome Activity. *Cell reports*, 30(6), 1823.

Zheng Z, et al. (2020) Valproic acid affects neuronal fate and microglial function via enhancing autophagic flux in mice after traumatic brain injury. *Journal of neurochemistry*, 154(3), 284.

Xu B, et al. (2020) Role of Spinal Cord Akt-mTOR Signaling Pathways in Postoperative Hyperalgesia Induced by Plantar Incision in Mice. *Frontiers in neuroscience*, 14, 766.

Yan J, et al. (2019) Spermidine-enhanced autophagic flux improves cardiac dysfunction following myocardial infarction by targeting the AMPK/mTOR signalling pathway. *British journal of pharmacology*, 176(17), 3126.