

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.