

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

Anti- eIF4E Antibody

RRID:AB_823488

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 9742, RRID:AB_823488

Antibody Information

URL: http://antibodyregistry.org/AB_823488

Proper Citation: Cell Signaling Technology Cat# 9742, RRID:AB_823488

Target Antigen: eIF4E

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IHC-P, IHC-F. Consolidation: AB_10693610, AB_330955.

Antibody Name: Anti- eIF4E Antibody

Description: This polyclonal targets eIF4E

Target Organism: Human, Rat, Monkey, Zebrafish, Mouse, Mink

Antibody ID: AB_823488

Vendor: Cell Signaling Technology

Catalog Number: 9742

Alternative Catalog Numbers: 9742S, 9742L

Record Creation Time: 20250820T043108+0000

Record Last Update: 20250820T191134+0000

Ratings and Alerts

No rating or validation information has been found for Anti- eIF4E Antibody.

No alerts have been found for Anti- eIF4E Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Baehr LM, et al. (2025) Response of UBR-box E3 ubiquitin ligases and protein quality control pathways to perturbations in protein synthesis and skeletal muscle size. bioRxiv : the preprint server for biology.

Baehr LM, et al. (2025) Response of UBR-box E3 ubiquitin ligases and protein quality control pathways to perturbations in protein synthesis and skeletal muscle size. American journal of physiology. Cell physiology, 329(6), C1706.

Liu X, et al. (2025) Discovery, delineation, and therapeutic targeting of a hyper-translation pathway driving cytokine release syndrome. Cell reports. Medicine, 102531.

Bai Y, et al. (2024) Trans-omic analysis reveals opposite metabolic dysregulation between feeding and fasting in liver associated with obesity. iScience, 27(3), 109121.

Goto Y, et al. (2024) A Kinome-Wide Synthetic Lethal CRISPR/Cas9 Screen Reveals That mTOR Inhibition Prevents Adaptive Resistance to CDK4/CDK6 Blockade in HNSCC. Cancer research communications, 4(7), 1850.

Barrow ER, et al. (2024) Discovery of SQSTM1/p62-dependent P-bodies that regulate the NLRP3 inflammasome. Cell reports, 43(3), 113935.

Zhu M, et al. (2024) PKD1 mutant clones within cirrhotic livers inhibit steatohepatitis without promoting cancer. Cell metabolism, 36(8), 1711.

Franco-Enzástiga Ú, et al. (2024) Vinorelbine causes a neuropathic pain-like state in mice via STING and MNK1 signaling associated with type I interferon induction. iScience, 27(2), 108808.

Volegova MP, et al. (2024) The MYCN 5' UTR as a therapeutic target in neuroblastoma. Cell reports, 43(5), 114134.

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.

Franco-Enzástiga Ú, et al. (2023) Vinorelbine causes a neuropathic pain-like state in mice via STING and MNK1 signaling associated with type I interferon induction. bioRxiv : the preprint server for biology.

Shaiken TE, et al. (2023) Transcriptome, proteome, and protein synthesis within the intracellular cytomatrix. iScience, 26(2), 105965.

Patil S, et al. (2023) eIF4E phosphorylation recruits β -catenin to mRNA cap and promotes Wnt pathway translation in dentate gyrus LTP maintenance. *iScience*, 26(5), 106649.

Mukherjee R, et al. (2021) Regulation of PTEN translation by PI3K signaling maintains pathway homeostasis. *Molecular cell*, 81(4), 708.

Lee Y, et al. (2021) Coordinate regulation of the senescent state by selective autophagy. *Developmental cell*, 56(10), 1512.

Zhang T, et al. (2021) Akt3-mTOR regulates hippocampal neurogenesis in adult mouse. *Journal of neurochemistry*, 159(3), 498.

Einstein JM, et al. (2021) Inhibition of YTHDF2 triggers proteotoxic cell death in MYC-driven breast cancer. *Molecular cell*, 81(15), 3048.

Rudar M, et al. (2021) Intermittent bolus feeding does not enhance protein synthesis, myonuclear accretion, or lean growth more than continuous feeding in a premature piglet model. *American journal of physiology. Endocrinology and metabolism*, 321(6), E737.

Chu J, et al. (2020) Rocaglates Induce Gain-of-Function Alterations to eIF4A and eIF4F. *Cell reports*, 30(8), 2481.

Shiers S, et al. (2020) Reversal of peripheral nerve injury-induced neuropathic pain and cognitive dysfunction via genetic and tomivosertib targeting of MNK.
Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 45(3), 524.