

Resource Summary Report

Generated by [RRID](#) on Aug 10, 2026

4E-BP1 (53H11) Rabbit mAb

RRID:AB_2097841

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 9644, RRID:AB_2097841

Antibody Information

URL: http://antibodyregistry.org/AB_2097841

Proper Citation: Cell Signaling Technology Cat# 9644, RRID:AB_2097841

Target Antigen: 4E-BP1 (53H11) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC, F. Consolidation: AB_10691384, AB_10830220.

Antibody Name: 4E-BP1 (53H11) Rabbit mAb

Description: This monoclonal targets 4E-BP1 (53H11) Rabbit mAb

Target Organism: rat, h, m, mouse, r, non-human primate, human, mk

Antibody ID: AB_2097841

Vendor: Cell Signaling Technology

Catalog Number: 9644

Alternative Catalog Numbers: 9644S, 9644P

Record Creation Time: 20250820T035918+0000

Record Last Update: 20250820T174359+0000

Ratings and Alerts

No rating or validation information has been found for 4E-BP1 (53H11) Rabbit mAb.

No alerts have been found for 4E-BP1 (53H11) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 229 mentions in open access literature.

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

Park SJ, et al. (2026) Mechanism by which a linoleic acid metabolite suppresses cancer cell growth by inhibiting mTOR. *Cell chemical biology*, 33(5), 637.

Zink A, et al. (2026) Pluripotent stem-cell-based screening uncovers sildenafil as a mitochondrial disease therapy. *Cell*, 189(6), 1656.

Nakano H, et al. (2026) Maternal hyperglycemia disrupts cardiomyocyte maturation via aberrant nucleotide metabolism and suppression of AMPK signaling. *Cell reports*, 45(5), 117321.

Uible EE, et al. (2026) Scaffolding-dependent CASP1 constrains excessive cell-intrinsic inflammatory signaling in leukemia. *Cell chemical biology*, 33(1), 59.

Peng H, et al. (2026) Eukaryote initiation factor 6 modulates small-cell lung carcinoma plasticity via the integrin-FAK signaling axis. *Nature communications*, 17(1).

O'Loughlin TA, et al. (2026) mTORC1 activity suppresses ferroptosis through a SCARB1-dependent HDL-tocopherol uptake pathway. *Molecular cell*, 86(8), 1546.

Black JJ, et al. (2026) The *Legionella pneumophila* effector SidL is an adenylyltransferase that modifies the glycolytic intermediate 3-phosphoglycerate. *Molecular cell*.

Wang M, et al. (2026) p53 Drives Lung Cancer Regression through a TSC2/TFEB-dependent Senescence Program. *Cancer discovery*, 16(2), 391.

Li E, et al. (2026) Oxytocin signaling in adipocytes is required for normal milk fat production. *Cell metabolism*, 38(6), 1141.

Xie C, et al. (2026) Lysosome-localized IRTKS condensates promote mTORC1 activity leading to MASLD and HCC. *Cell reports*, 45(2), 116893.

Chen YL, et al. (2026) Endometrial stromal cell-derived TMAO sustains decidualization to prevent recurrent spontaneous abortion. *Cell metabolism*.

Contreras PS, et al. (2026) Differential contribution of TFE3 isoforms to cell motility and invasion. *EMBO reports*, 27(2), 471.

Beale AD, et al. (2026) A cellular basis for the mammalian nocturnal-diurnal switch. *Science (New York, N.Y.)*, 391(6788), eady2822.

Mao Y, et al. (2026) B cell deficiency limits exercise capacity by remodeling liver glutamate metabolism. *Cell*, 189(11), 3254.

Li G, et al. (2026) Non-enzymatic ABHD6 interacts with Akt-FoxO1 axis to regulate selective hepatic insulin resistance. *bioRxiv : the preprint server for biology*.

Ishikawa KI, et al. (2026) Suppression of ATM kinase signaling accelerates cellular senescence. *Stem cell reports*, 21(7), 102956.

Matsuura K, et al. (2026) Distinct metabolic dependency on BCAA defines cancer stemness and malignancy in human triple-negative breast cancer. *Cell reports*, 45(7), 117630.

Preis JR, et al. (2026) Targeting the energy metabolism of melanoma cells: FX-11 acts as a mitochondrial uncoupler. *European journal of pharmacology*, 1022, 178800.

Auletta F, et al. (2026) CXCR4, CXCR7 and PBRM1 are responsible for everolimus and cabozantinib resistance in human renal cancer cells. *Cell death discovery*, 12(1).

Li Z, et al. (2026) A negative regulator of mitochondrial complex I assembly adapts respiration to cellular energy demand. *Molecular cell*.