Resource Summary Report

Generated by NIF on Sep 15, 2026

Anti-4E-BP1, phospho (Thr37 / Thr46) Monoclonal Antibody

RRID:AB_560835
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2855, RRID:AB_560835

Antibody Information

URL: http://antibodyregistry.org/AB_560835

Proper Citation: Cell Signaling Technology Cat# 2855, RRID:AB_560835

Target Antigen: 4E-BP1, phospho (Thr37 / Thr46)

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB, IHC-P, IF-IC, FC-FP
Consolidation on 10/2016: AB_560837, AB_10140942.

Antibody Name: Anti-4E-BP1, phospho (Thr37 / Thr46) Monoclonal Antibody

Description: This recombinant monoclonal targets 4E-BP1, phospho (Thr37 / Thr46)

Target Organism: monkey, rat, mouse, human

Clone ID: 236B4

Antibody ID: AB_560835

Vendor: Cell Signaling Technology

Catalog Number: 2855

Alternative Catalog Numbers: 2855P, 2855S, 2855L

Record Creation Time: 20260909T050735+0000

Record Last Update: 20260912T060128+0000

Ratings and Alerts

No rating or validation information has been found for Anti-4E-BP1, phospho (Thr37 / Thr46) Monoclonal Antibody.

No alerts have been found for Anti-4E-BP1, phospho (Thr37 / Thr46) Monoclonal Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 299 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

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

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

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

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.

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

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.

Grunfeld AM, et al. (2026) Amyloid-bodies in the evolution of malignancies. PloS one, 21(7), e0353464.

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

Wehle DT, et al. (2026) Dissociation of the mTOR Protein Interaction Network Following Neuronal Activation Is Altered by Shank3 Mutation. Journal of neurochemistry, 170(1), e70353.

Fieblinger T, et al. (2026) Repurposing drugs for treating the neurobehavioral manifestations of PTEN hamartoma tumor syndrome. iScience, 29(4), 115428.

Li G, et al. (2026) Elucidation of mechanisms underlying the therapeutic effects of cordycepin on pulmonary hypertension, with a focus on cell senescence and gut microbiota. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 194, 118923.

Brady MR, et al. (2026) Macropinocytosis and Vascularization Determine Response to mTOR Inhibitors in Lung Squamous Cell Carcinoma. Cancer research, 86(5), 1166.

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

Tan M, et al. (2026) A Novel Niclosamide Sulfate Prodrug with Enhanced Bioavailability Suppresses Hepatocellular Carcinoma via Inhibition of Multiple Signaling Pathways. bioRxiv : the preprint server for biology.

Zhao Y, et al. (2026) Combined Photothermal and mTOR-Targeted Therapy Overcomes Immune Evasion and Enhances Checkpoint Blockade Efficacy in Metastatic Triple-Negative Breast Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(10), e13711.

Lara Castillo NA, et al. (2026) Exercise beneficially reshapes fasted rat skeletal muscle involving the combined action of ?-hydroxybutyrate and palmitoleic acid. American journal of physiology. Cell physiology, 330(4), C1006.

He T, et al. (2026) ?-Ketoglutarate couples cellular metabolism to developmental growth via hydroxylation-dependent degradation of Yorkie. Cell reports, 45(2), 116922.

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.

Lin Y, et al. (2026) Patient-specific midbrain organoids with CRISPR correction recapitulate neuronopathic Gaucher disease phenotypes and enable evaluation of novel therapies. eLife, 15.