Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

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: 20231110T044107+0000

Record Last Update: 20241115T094036+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 245 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Sun J, et al. (2024) Metabolic regulator LKB1 controls adipose tissue ILC2 PD-1 expression and mitochondrial homeostasis to prevent insulin resistance. Immunity, 57(6), 1289.

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.

Lye PY, et al. (2024) Cytotoxin-mediated silk gland organ dysfunction diverts resources to enhance silkworm fecundity by potentiating nutrient-sensing IIS/TOR pathways. iScience, 27(2), 108853.

Kommaddi RP, et al. (2024) Akt activation ameliorates deficits in hippocampal-dependent memory and activity-dependent synaptic protein synthesis in an Alzheimer's disease mouse model. The Journal of biological chemistry, 300(2), 105619.

Rachubinski AL, et al. (2024) JAK inhibition decreases the autoimmune burden in Down syndrome. eLife, 13.

Tang H, et al. (2024) Chemically engineered mTOR-nanoparticle blockers enhance antitumour efficacy. EBioMedicine, 103, 105099.

Rockhold JD, et al. (2024) Everolimus alleviates CD4+ T cell inflammation by regulating autophagy and cellular redox homeostasis. GeroScience, 46(6), 5681.

Haight JA, et al. (2024) Auranofin and reactive oxygen species inhibit protein synthesis and

regulate the level of the PLK1 protein in Ewing sarcoma cells. bioRxiv : the preprint server for biology.

Yip HYK, et al. (2024) Integrative modeling uncovers p21-driven drug resistance and prioritizes therapies for PIK3CA-mutant breast cancer. NPJ precision oncology, 8(1), 20.

Jiang Z, et al. (2024) CREB3L4 promotes hepatocellular carcinoma progression and decreases sorafenib chemosensitivity by promoting RHEB-mTORC1 signaling pathway. iScience, 27(2), 108843.

Sin SH, et al. (2024) The complete Kaposi sarcoma-associated herpesvirus genome induces early-onset, metastatic angiosarcoma in transgenic mice. Cell host & microbe, 32(5), 755.

Lino M, et al. (2024) Multi-step regulation of microRNA expression and secretion into small extracellular vesicles by insulin. Cell reports, 43(7), 114491.

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

Ryan PJ, et al. (2024) The autophagy inhibitor NSC185058 suppresses mTORC1-mediated protein anabolism in cultured skeletal muscle. Scientific reports, 14(1), 8094.

Sebastián D, et al. (2024) TP53INP2-dependent activation of muscle autophagy ameliorates sarcopenia and promotes healthy aging. Autophagy, 20(8), 1815.

Lin CP, et al. (2024) Multimodal stimulation screens reveal unique and shared genes limiting T cell fitness. Cancer cell.

Zou W, et al. (2024) Lysosomal dynamics regulate mammalian cortical neurogenesis. Developmental cell, 59(1), 64.

Tiburcio PDB, et al. (2024) Actinomycin D and bortezomib disrupt protein homeostasis in Wilms tumor. bioRxiv : the preprint server for biology.

Zhou CQ, et al. (2024) Anti-HDGF Antibody Targets EGFR Tyrosine Kinase Inhibitor-Tolerant Cells in NSCLC Patient-Derived Xenografts. Cancer research communications, 4(9), 2308.

Gallage S, et al. (2024) A 5:2 intermittent fasting regimen ameliorates NASH and fibrosis and blunts HCC development via hepatic PPAR? and PCK1. Cell metabolism, 36(6), 1371.