

Resource Summary Report

Generated by NIF on Sep 9, 2026

CREB (86B10) Mouse mAb

RRID:AB_490881

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 9104, RRID:AB_490881

Antibody Information

URL: http://antibodyregistry.org/AB_490881

Proper Citation: Cell Signaling Technology Cat# 9104, RRID:AB_490881

Target Antigen: CREB

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB, IF-F, IF-IC
Consolidation on 10/2018: AB_10691832, AB_490881.

Antibody Name: CREB (86B10) Mouse mAb

Description: This monoclonal targets CREB

Target Organism: monkey, rat, mouse, human

Clone ID: 86B10

Antibody ID: AB_490881

Vendor: Cell Signaling Technology

Catalog Number: 9104

Record Creation Time: 20231110T070233+0000

Record Last Update: 20260829T194532+0000

Ratings and Alerts

No rating or validation information has been found for CREB (86B10) Mouse mAb.

No alerts have been found for CREB (86B10) Mouse mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Jovanovic VM, et al. (2026) Scalable hypothalamic neuron differentiation from human pluripotent stem cells suitable for modeling metabolic disorders. Stem cell reports, 21(7), 102958.

Silva J, et al. (2025) Sub-Immunosuppressive Tacrolimus Ameliorates Amyloid-Beta and Tau Pathology in 3xTg-AD Mice. International journal of molecular sciences, 26(5).

Lea G, et al. (2025) Ectopic expression of DNMT3L in human trophoblast stem cells restores features of the placental methylome. Cell stem cell, 32(2), 276.

Lin C, et al. (2025) Cholesterol metabolism regulated by CAMKK2-CREB signaling promotes castration-resistant prostate cancer. Cell reports, 44(6), 115792.

Meadows SM, et al. (2024) Hippocampal astrocytes induce sex-dimorphic effects on memory. Cell reports, 43(6), 114278.

Cararo-Lopes MM, et al. (2024) Overexpression of ?-Klotho isoforms promotes distinct Effects on BDNF-Induced Alterations in Dendritic Morphology. Molecular neurobiology, 61(11), 9155.

Atsumi Y, et al. (2024) Repetitive CREB-DNA interactions at gene loci predetermined by CBP induce activity-dependent gene expression in human cortical neurons. Cell reports, 43(1), 113576.

Sakamoto E, et al. (2024) Both enantiomers of ?-aminoisobutyric acid BAIBA regulate Fgf23 via MRGPRD receptor by activating distinct signaling pathways in osteocytes. Cell reports, 43(7), 114397.

Cui Y, et al. (2024) Chromatin target of protein arginine methyltransferases alleviates cerebral ischemia/reperfusion-induced injury by regulating RNA alternative splicing. iScience, 27(1), 108688.

Le TDV, et al. (2023) Glucagon-like peptide-1 receptor activation stimulates PKA-mediated phosphorylation of Raptor and this contributes to the weight loss effect of liraglutide. eLife, 12.

Zhang Y, et al. (2023) Molecular mechanisms of snoRNA-IL-15 crosstalk in adipocyte lipolysis and NK cell rejuvenation. Cell metabolism, 35(8), 1457.

A M, et al. (2023) Irisin acts through its integrin receptor in a two-step process involving extracellular Hsp90 α . *Molecular cell*, 83(11), 1903.

Emrich SM, et al. (2023) Orai3 and Orai1 mediate CRAC channel function and metabolic reprogramming in B cells. *eLife*, 12.

Loan A, et al. (2023) Prenatal low-dose methylmercury exposure causes premature neuronal differentiation and autism-like behaviors in a rodent model. *iScience*, 26(3), 106093.

Shao J, et al. (2023) MAPK-ERK-CREB signaling pathway upregulates Nav1.6 in oxaliplatin-induced neuropathic pain in the rat. *Toxicology letters*, 384, 149.

Kim E, et al. (2023) Irisin reduces amyloid- β by inducing the release of neprilysin from astrocytes following downregulation of ERK-STAT3 signaling. *Neuron*, 111(22), 3619.

Sénéchal C, et al. (2022) The adhesion G-protein-coupled receptor Gpr116 is essential to maintain the skeletal muscle stem cell pool. *Cell reports*, 41(7), 111645.

Abdullah MO, et al. (2022) Mitochondrial hyperfusion via metabolic sensing of regulatory amino acids. *Cell reports*, 40(7), 111198.

Omar MH, et al. (2022) Mislocalization of protein kinase A drives pathology in Cushing's syndrome. *Cell reports*, 40(2), 111073.

Ahmed S, et al. (2021) Potential role of TrkB agonist in neuronal survival by promoting CREB/BDNF and PI3K/Akt signaling in vitro and in vivo model of 3-nitropropionic acid (3-NP)-induced neuronal death. *Apoptosis : an international journal on programmed cell death*, 26(1-2), 52.