Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 2, 2025

Phospho-CREB (Ser133) (87G3) Rabbit mAb

RRID:AB_2561044
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 9198, RRID:AB_2561044)

Antibody Information

URL: http://antibodyregistry.org/AB_2561044

Proper Citation: (Cell Signaling Technology Cat# 9198, RRID:AB_2561044)

Target Antigen: Phospho-CREB (Ser133)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: WB, IHC-P, IF-F, IF-IC, FC-FP, ChIP, ChIP-seq, C&R
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE
ENCODE PROJECT: External validation DATA SET is released test lot unknown or not specified. Status is not eligible for new data.
Consolidation on 9/2016: AB_2085876, AB_390802, AB_256044

Antibody Name: Phospho-CREB (Ser133) (87G3) Rabbit mAb

Description: This monoclonal targets Phospho-CREB (Ser133)

Target Organism: Human, Rat, Mouse

Clone ID: Clone 87G3

Defining Citation: PMID:20853513

Antibody ID: AB_2561044

Vendor: Cell Signaling Technology

Catalog Number: 9198

Alternative Catalog Numbers: 9198S, 9198L

Record Creation Time: 20231110T081208+0000

Record Last Update: 20241115T000132+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB000AFM - ENCODE https://www.encodeproject.org/antibodies/ENCAB000AFM

No alerts have been found for Phospho-CREB (Ser133) (87G3) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 213 mentions in open access literature.

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

Caffino L, et al. (2024) Chronic Lithium Treatment Alters NMDA and AMPA Receptor Synaptic Availability and Dendritic Spine Organization in the Rat Hippocampus. Current neuropharmacology, 22(12), 2045.

Simpson JE, et al. (2024) Autophagy supports PDGFRA-dependent brain tumor development by enhancing oncogenic signaling. Developmental cell, 59(2), 228.

Li XY, et al. (2024) TGR5-mediated lateral hypothalamus-dCA3-dorsolateral septum circuit regulates depressive-like behavior in male mice. Neuron.

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.

Nasri A, et al. (2024) Suppressive action of nesfatin-1 and nesfatin-1-like peptide on cortisol synthesis in human adrenal cortex cells. Scientific reports, 14(1), 3985.

Tong L, et al. (2024) Transketolase promotes MAFLD by limiting inosine-induced

mitochondrial activity. Cell metabolism, 36(5), 1013.

Ahtiainen A, et al. (2024) Astrocytes facilitate gabazine-evoked electrophysiological hyperactivity and distinct biochemical responses in mature neuronal cultures. Journal of neurochemistry, 168(9), 3076.

Zhang J, et al. (2024) Osr2 functions as a biomechanical checkpoint to aggravate CD8+ T cell exhaustion in tumor. Cell, 187(13), 3409.

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

Bajikar SS, et al. (2024) Modeling antisense oligonucleotide therapy in MECP2 duplication syndrome human iPSC-derived neurons reveals gene expression programs responsive to MeCP2 levels. Human molecular genetics.

Zhou H, et al. (2024) Neddylation and Its Target Cullin 3 Are Essential for Adipocyte Differentiation. Cells, 13(19).

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.

Acuña-Catalán D, et al. (2024) Ketogenic diet administration later in life improves memory by modifying the synaptic cortical proteome via the PKA signaling pathway in aging mice. Cell reports. Medicine, 5(6), 101593.

Zhao Y, et al. (2024) IGF2BP2-Shox2 axis regulates hippocampal-neuronal senescence to alleviate microgravity-induced recognition disturbance. iScience, 27(6), 109917.

Tiwari N, et al. (2024) Plp1-expresssing perineuronal DRG cells facilitate colonic and somatic chronic mechanical pain involving Piezo2 upregulation in DRG neurons. Cell reports, 43(5), 114230.

Cai C, et al. (2024) NRAS Mutant Dictates AHCYL1-Governed ER Calcium Homeostasis for Melanoma Tumor Growth. Molecular cancer research : MCR, 22(4), 386.

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.

Niu X, et al. (2024) A conserved transcription factor regulatory program promotes tendon fate. Developmental cell.

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.

Long A, et al. (2024) A famsin-glucagon axis mediates glucose homeostasis. Cell metabolism.