

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

Anti-phospho-CREB (Ser133)

RRID:AB_310153

Type: Antibody

Proper Citation

Millipore Cat# 06-519, RRID:AB_310153

Antibody Information

URL: http://antibodyregistry.org/AB_310153

Proper Citation: Millipore Cat# 06-519, RRID:AB_310153

Target Antigen: phospho-CREB (Ser133)

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: IgG; IgG Immunoprecipitation; Immunohistochemistry; Super Shift Assay; Western Blot; EMSA, IH, IH(P), IP, WB

Antibody Name: Anti-phospho-CREB (Ser133)

Description: This polyclonal targets phospho-CREB (Ser133)

Target Organism: h, ht, m, r

Defining Citation: [PMID:23537934](#)

Antibody ID: AB_310153

Vendor: Millipore

Catalog Number: 06-519

Record Creation Time: 20250820T032615+0000

Record Last Update: 20250820T161446+0000

Ratings and Alerts

No rating or validation information has been found for Anti-phospho-CREB (Ser133).

No alerts have been found for Anti-phospho-CREB (Ser133).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Miro C, et al. (2025) Leptin enhances the intracellular thyroid hormone activation in skeletal muscle to boost energy balance. *Cell metabolism*, 37(4), 936.

Yang Q, et al. (2025) Emotional stress increases GluA2 expression and potentiates fear memory via adenylyl cyclase 5. *Cell reports*, 44(1), 115180.

Yi H, et al. (2025) Phospho-CREB Regulation on NMDA Glutamate Receptor 2B and Mitochondrial Calcium Uniporter in the Ventrolateral Periaqueductal Gray Controls Chronic Morphine Withdrawal in Male Rats. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(29).

Spoleti E, et al. (2024) Dopamine neuron degeneration in the Ventral Tegmental Area causes hippocampal hyperexcitability in experimental Alzheimer's Disease. *Molecular psychiatry*.

Grochowska KM, et al. (2023) Jacob-induced transcriptional inactivation of CREB promotes A β -induced synapse loss in Alzheimer's disease. *The EMBO journal*, 42(4), e112453.

Zaïmia N, et al. (2023) GLP-1 and GIP receptors signal through distinct β -arrestin 2-dependent pathways to regulate pancreatic β cell function. *Cell reports*, 42(11), 113326.

Carboni L, et al. (2022) Chronic Trazodone and Citalopram Treatments Increase Trophic Factor and Circadian Rhythm Gene Expression in Rat Brain Regions Relevant for Antidepressant Efficacy. *International journal of molecular sciences*, 23(22).

Li SJ, et al. (2022) Melatonin Inhibits NF- κ B/CREB/Runx2 Signaling and Alleviates Aortic Valve Calcification. *Frontiers in cardiovascular medicine*, 9, 885293.

Jankovic Miljus J, et al. (2022) Circulating MicroRNA Profiles as Potential Biomarkers for Differentiated Thyroid Cancer Recurrence. *The Journal of clinical endocrinology and metabolism*, 107(5), 1280.

Venkataramani V, et al. (2022) Glioblastoma hijacks neuronal mechanisms for brain invasion. *Cell*, 185(16), 2899.

López-Pedrajas R, et al. (2021) Role of hippocampal NF- κ B and GluN2B in the memory acquisition impairment of experiences gathered prior to cocaine administration in rats. *Scientific reports*, 11(1), 20033.

Aslostovar L, et al. (2021) Abnormal dopamine receptor signaling allows selective therapeutic targeting of neoplastic progenitors in AML patients. *Cell reports. Medicine*, 2(2), 100202.

Conde-Dusman MJ, et al. (2021) Control of protein synthesis and memory by GluN3A-NMDA receptors through inhibition of GIT1/mTORC1 assembly. *eLife*, 10.

Lee JE, et al. (2021) Aging-Dependent Downregulation of SUV39H1 Histone Methyltransferase Increases Susceptibility to Stress-Induced Depressive Behavior. *Molecular neurobiology*, 58(12), 6427.

Horvath PM, et al. (2021) A subthreshold synaptic mechanism regulating BDNF expression and resting synaptic strength. *Cell reports*, 36(5), 109467.

Lee JE, et al. (2020) Aging increases vulnerability to stress-induced depression via upregulation of NADPH oxidase in mice. *Communications biology*, 3(1), 292.

Salik B, et al. (2020) Targeting RSPO3-LGR4 Signaling for Leukemia Stem Cell Eradication in Acute Myeloid Leukemia. *Cancer cell*, 38(2), 263.

Cantacorps L, et al. (2020) Prenatal and postnatal alcohol exposure increases vulnerability to cocaine addiction in adult mice. *British journal of pharmacology*, 177(5), 1090.

Elibol B, et al. (2020) Thymoquinone administration ameliorates Alzheimer's disease-like phenotype by promoting cell survival in the hippocampus of amyloid beta1-42 infused rat model. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 79, 153324.

Zhong J, et al. (2020) Roflupram exerts neuroprotection via activation of CREB/PGC-1 α signalling in experimental models of Parkinson's disease. *British journal of pharmacology*, 177(10), 2333.