

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

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: 20260408T215512+0000

Record Last Update: 20260408T215513+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 249 mentions in open access literature.

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

Mao C, et al. (2026) DHODH-Mediated Suppression of Ferroptosis Supports Radioresistance and Represents a Therapeutic Vulnerability in Lung Cancer. *Cancer research*, 86(13), 3309.

Chattopadhyay A, et al. (2026) Microsomal triglyceride transfer protein restricts steroid production in Leydig cells by regulating SREBP2. *iScience*, 29(6), 115817.

Hsiao YW, et al. (2026) Renal denervation in experimental autoimmune myocarditis: association with cardiac function and changes in calcium and MAPK/ERK signaling. *Basic research in cardiology*, 121(4), 739.

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.

Yokomura M, et al. (2026) Afatinib exerts an inhibitory effect on T cell-mediated cytotoxicity. *Cancer immunology, immunotherapy : CII*, 75(1), 33.

Hoang TS, et al. (2026) Genome-wide CRISPR Screening Reveals a PKA-Driven Resistance Mechanism to Metformin for Oral Cancer Prevention That Can Be Exploited by Combination with NSAIDs. *Cancer prevention research (Philadelphia, Pa.)*, 19(2), 79.

Kim J, et al. (2026) Electromagnetic field-inducible in vivo gene switch for remote spatiotemporal control of gene expression. *Cell*, 189(11), 3465.

Li Z, et al. (2026) Protein craving links larval signals to food provisioning in honey bees. *Science advances*, 12(20), eaec3855.

Ding N, et al. (2026) Gut microbiota-derived isovaleric acid alleviates atrial fibrillation by suppressing GSDME-dependent pyroptosis. *Cell metabolism*, 38(2), 370.

Shah S, et al. (2026) Metabolic reprogramming during human neuron differentiation indicates glutaminase as a key determinant in Fragile X syndrome. *Cell reports*, 45(1), 116857.

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

Davis AC, et al. (2026) Interleukin-1 receptor-1 signaling mediates neuroinflammation, neuronal injury, and cognitive decline after diffuse traumatic brain injury. *Brain, behavior, and immunity*, 135, 106524.

Norambuena-Soto I, et al. (2026) Angiotensin-(1-9) attenuates diabetic cardiomyopathy by improving insulin resistance. *British journal of pharmacology*, 183(11), 3032.

Iqbal MK, et al. (2026) Protective effect of scorpion-venom heat-resistant peptide (SVHRSP) against depression associated with Parkinson's disease via suppression of CREB-Akt pathway-mediated inflammation. *British journal of pharmacology*, 183(11), 2820.

Novoa E, et al. (2026) Lack of PCK1 in hepatic stellate cells causes liver fibrosis by fueling tricarboxylic acid cycle and increasing glycolysis. *Cell metabolism*, 38(4), 729.

Kong CH, et al. (2026) Sinaptic acid balances the excitatory and inhibitory neurotransmitter systems to mitigate post-traumatic stress disorder-like behaviors. *Life sciences*, 388, 124201.

Long F, et al. (2026) MEDAG functions as an A-kinase-anchoring protein in adipocytes. *Molecular cell*, 86(5), 937.

Wang Z, et al. (2026) TRPM3 on Glutamatergic Neurons in Anterior Cingulate Cortex Modulates Retrieval of Methamphetamine Reward-Associated Context Memory. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(7), e71731.

Caldwell BA, et al. (2026) Docosahexaenoic acid supplementation inhibits monocyte exhaustion memory formation during sepsis. *Inflammation research : official journal of the European Histamine Research Society ... [et al.]*, 75(1), 40.

Shi X, et al. (2026) Tumor-immune-neural circuit disrupts energy homeostasis in cancer cachexia. *Cancer cell*, 44(5), 949.