

Resource Summary Report

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ENCODE Project Antibody validation CEBPB

RRID:AB_2260363

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-150, RRID:AB_2260363)

Antibody Information

URL: http://antibodyregistry.org/AB_2260363

Proper Citation: (Santa Cruz Biotechnology Cat# sc-150, RRID:AB_2260363)

Target Antigen: CEBPB

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; Discontinued: 2016; Rabbit polyclonal IgG, epitope mapping at the C-terminus of CEBPB of rat origin. Antibody Target: CEBPB
Validation: ENCODE PROJECT validation information available

Antibody Name: ENCODE Project Antibody validation CEBPB

Description: This polyclonal targets CEBPB

Target Organism: human

Antibody ID: AB_2260363

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-150

Record Creation Time: 20241017T002336+0000

Record Last Update: 20241017T020739+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: A2113 is available under ENCODE ID: ENCAB962RKA - ENCODE <https://www.encodeproject.org/antibodies/ENCAB962RKA>

Warning: Discontinued: 2016

Discontinued: 2016; Discontinued: 2016; Rabbit polyclonal IgG, epitope mapping at the C-terminus of CEBPB of rat origin. Antibody Target: CEBPB

Validation: ENCODE PROJECT validation information available

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 [FDI Lab - SciCrunch.org](#).

Inoue SI, et al. (2024) Short-term cold exposure induces persistent epigenomic memory in brown fat. *Cell metabolism*, 36(8), 1764.

Kwon J, et al. (2023) Mevalonate biosynthesis pathway regulates the development and survival of brown adipocytes. *iScience*, 26(3), 106161.

He T, et al. (2023) Suppression of preadipocyte determination by SOX4 limits white adipocyte hyperplasia in obesity. *iScience*, 26(4), 106289.

Liu Y, et al. (2023) TET2 is recruited by CREB to promote *Cebpb*, *Cebpa*, and *Pparg* transcription by facilitating hydroxymethylation during adipocyte differentiation. *iScience*, 26(11), 108312.

Shen Z, et al. (2022) Systematic analysis of naturally occurring insertions and deletions that alter transcription factor spacing identifies tolerant and sensitive transcription factor pairs. *eLife*, 11.

Tamassia N, et al. (2021) Induction of OCT2 contributes to regulate the gene expression program in human neutrophils activated via TLR8. *Cell reports*, 35(7), 109143.

Tang WS, et al. (2021) The Mediator subunit MED20 organizes the early adipogenic complex to promote development of adipose tissues and diet-induced obesity. *Cell reports*, 36(1), 109314.

Gonçalves S, et al. (2021) COX2 regulates senescence secretome composition and senescence surveillance through PGE2. *Cell reports*, 34(11), 108860.

Xian H, et al. (2021) Metformin inhibition of mitochondrial ATP and DNA synthesis abrogates NLRP3 inflammasome activation and pulmonary inflammation. *Immunity*, 54(7), 1463.

Nerlich A, et al. (2021) Analysis of IL36a induction by C/EBP β via a half-CRE•C/EBP element in murine macrophages in dependence of its CpG methylation level. *Genes and immunity*, 22(7-8), 313.

Ndoja A, et al. (2020) Ubiquitin Ligase COP1 Suppresses Neuroinflammation by Degrading c/EBP β in Microglia. *Cell*, 182(5), 1156.

Fujimi TJ, et al. (2020) Investigation of the effects of urea cycle amino acids on the expression of ALB and CEBPB in the human hepatocellular carcinoma cell line FLC-4. *Human cell*, 33(3), 590.

Minata M, et al. (2019) Phenotypic Plasticity of Invasive Edge Glioma Stem-like Cells in Response to Ionizing Radiation. *Cell reports*, 26(7), 1893.

Fernandez S, et al. (2019) Adipocyte ACLY Facilitates Dietary Carbohydrate Handling to Maintain Metabolic Homeostasis in Females. *Cell reports*, 27(9), 2772.

Nakamura K, et al. (2018) Dysregulated IL-18 Is a Key Driver of Immunosuppression and a Possible Therapeutic Target in the Multiple Myeloma Microenvironment. *Cancer cell*, 33(4), 634.

Unger A, et al. (2018) Chromatin Binding of c-REL and p65 Is Not Limiting for Macrophage IL12B Transcription During Immediate Suppression by Ovarian Carcinoma Ascites. *Frontiers in immunology*, 9, 1425.

Rajbhandari P, et al. (2018) IL-10 Signaling Remodels Adipose Chromatin Architecture to Limit Thermogenesis and Energy Expenditure. *Cell*, 172(1-2), 218.

Yi H, et al. (2018) Phosphorylated CCAAT/Enhancer Binding Protein β Contributes to Rat HIV-Related Neuropathic Pain: In Vitro and In Vivo Studies. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(3), 555.

Li W, et al. (2018) Aerobic Glycolysis Controls Myeloid-Derived Suppressor Cells and Tumor Immunity via a Specific CEBPB Isoform in Triple-Negative Breast Cancer. *Cell metabolism*, 28(1), 87.

Heinz S, et al. (2018) Transcription Elongation Can Affect Genome 3D Structure. *Cell*, 174(6), 1522.