

# Resource Summary Report

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## EP300-human

RRID:AB\_2231120

Type: Antibody

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### Proper Citation

(Santa Cruz Biotechnology Cat# SC-585, RRID:AB\_2231120)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2231120](http://antibodyregistry.org/AB_2231120)

**Proper Citation:** (Santa Cruz Biotechnology Cat# SC-585, RRID:AB\_2231120)

**Target Antigen:** EP300

**Host Organism:** rabbit

**Clonality:** unknown

**Comments:** ENCODE PROJECT External validation DATA SET is released testing lot A2214 for not specified; status is not pursued

**Antibody Name:** EP300-human

**Description:** This unknown targets EP300

**Target Organism:** Homo sapiens

**Antibody ID:** AB\_2231120

**Vendor:** Santa Cruz Biotechnology

**Catalog Number:** SC-585

**Alternative Catalog Numbers:** ENCAB548TTP

**Record Creation Time:** 20231110T034923+0000

**Record Last Update:** 20240725T030739+0000

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## Ratings and Alerts

- ENCODE PROJECT External validation for lot: D0615 is available under ENCODE ID: ENCAB741LTD - ENCODE <https://www.encodeproject.org/antibodies/ENCAB741LTD>

No alerts have been found for EP300-human.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## 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](#).

Stelloo S, et al. (2024) Deciphering lineage specification during early embryogenesis in mouse gastruloids using multilayered proteomics. *Cell stem cell*, 31(7), 1072.

Phongbunchoo Y, et al. (2024) YY1-mediated enhancer-promoter communication in the immunoglobulin  $\gamma$  locus is regulated by MSL/MOF recruitment. *Cell reports*, 43(7), 114456.

Iyer-Bierhoff A, et al. (2024) Acetylation-induced proteasomal degradation of the activated glucocorticoid receptor limits hormonal signaling. *iScience*, 27(2), 108943.

Huttunen J, et al. (2024) EP300/CREBBP acetyltransferase inhibition limits steroid receptor and FOXA1 signaling in prostate cancer cells. *Cellular and molecular life sciences : CMLS*, 81(1), 160.

Ling H, et al. (2024) HDAC10 inhibition represses melanoma cell growth and BRAF inhibitor resistance via upregulating SPARC expression. *NAR cancer*, 6(2), zcae018.

Ling H, et al. (2023) HDAC10 blockade upregulates SPARC expression thereby repressing melanoma cell growth and BRAF inhibitor resistance. *bioRxiv : the preprint server for biology*.

Zhou P, et al. (2023) Dynamic changes in P300 enhancers and enhancer-promoter contacts control mouse cardiomyocyte maturation. *Developmental cell*, 58(10), 898.

Mikami Y, et al. (2021) MicroRNA-221 and -222 modulate intestinal inflammatory Th17 cell response as negative feedback regulators downstream of interleukin-23. *Immunity*, 54(3), 514.

Skalska L, et al. (2021) Nascent RNA antagonizes the interaction of a set of regulatory proteins with chromatin. *Molecular cell*, 81(14), 2944.

Hanasoge Somasundara AV, et al. (2021) Parity-induced changes to mammary epithelial cells control NKT cell expansion and mammary oncogenesis. *Cell reports*, 37(10), 110099.

Hogg SJ, et al. (2021) Targeting histone acetylation dynamics and oncogenic transcription by catalytic P300/CBP inhibition. *Molecular cell*, 81(10), 2183.

Narita T, et al. (2021) Enhancers are activated by p300/CBP activity-dependent PIC assembly, RNAPII recruitment, and pause release. *Molecular cell*, 81(10), 2166.

Long HK, et al. (2020) Loss of Extreme Long-Range Enhancers in Human Neural Crest Drives a Craniofacial Disorder. *Cell stem cell*, 27(5), 765.

Sciumè G, et al. (2020) Rapid Enhancer Remodeling and Transcription Factor Repurposing Enable High Magnitude Gene Induction upon Acute Activation of NK Cells. *Immunity*, 53(4), 745.

Agrawal Singh S, et al. (2019) PLZF targets developmental enhancers for activation during osteogenic differentiation of human mesenchymal stem cells. *eLife*, 8.

Lee E, et al. (2019) GREB1 amplifies androgen receptor output in human prostate cancer and contributes to antiandrogen resistance. *eLife*, 8.

Garcia D, et al. (2019) Genetic Liver-Specific AMPK Activation Protects against Diet-Induced Obesity and NAFLD. *Cell reports*, 26(1), 192.

Meyer SN, et al. (2019) Unique and Shared Epigenetic Programs of the CREBBP and EP300 Acetyltransferases in Germinal Center B Cells Reveal Targetable Dependencies in Lymphoma. *Immunity*, 51(3), 535.

Daniel B, et al. (2018) The Nuclear Receptor PPAR $\gamma$  Controls Progressive Macrophage Polarization as a Ligand-Insensitive Epigenomic Ratchet of Transcriptional Memory. *Immunity*, 49(4), 615.

Adachi K, et al. (2018) Esrrb Unlocks Silenced Enhancers for Reprogramming to Naive Pluripotency. *Cell stem cell*, 23(2), 266.