Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 5, 2025

H3K27me3-celegans

RRID:AB_305237
Type: Antibody

Proper Citation

(Abcam Cat# ab6002, RRID:AB_305237)

Antibody Information

URL: http://antibodyregistry.org/AB_305237

Proper Citation: (Abcam Cat# ab6002, RRID:AB_305237)

Target Antigen: H3K27me3

Host Organism: mouse

Clonality: monoclonal

Comments: ENCODE PROJECT External validation for lot# unknown is available under ENCODE ID: ENCAB771AMN

Antibody Name: H3K27me3-celegans

Description: This monoclonal targets H3K27me3

Target Organism: caenorhabditis elegans

Clone ID: Clone mAbcam 6002

Antibody ID: AB_305237

Vendor: Abcam

Catalog Number: ab6002

Record Creation Time: 20241016T231052+0000

Record Last Update: 20241017T001137+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 471901 is available under ENCODE ID: ENCAB844TLA - ENCODE https://www.encodeproject.org/antibodies/ENCAB844TLA

No alerts have been found for H3K27me3-celegans.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 97 mentions in open access literature.

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

Hong Y, et al. (2024) SAFB restricts contact domain boundaries associated with L1 chimeric transcription. Molecular cell, 84(9), 1637.

Zhang C, et al. (2024) Methionine secreted by tumor-associated pericytes supports cancer stem cells in clear cell renal carcinoma. Cell metabolism, 36(4), 778.

Muñoz S, et al. (2024) SIN3A histone deacetylase action counteracts MUS81 to promote stalled fork stability. Cell reports, 43(2), 113778.

Zhu T, et al. (2024) The BAS chromatin remodeler determines brassinosteroid-induced transcriptional activation and plant growth in Arabidopsis. Developmental cell.

Kawatake-Kuno A, et al. (2024) Sustained antidepressant effects of ketamine metabolite involve GABAergic inhibition-mediated molecular dynamics in aPVT glutamatergic neurons. Neuron.

Niu N, et al. (2024) Tumor cell-intrinsic epigenetic dysregulation shapes cancer-associated fibroblasts heterogeneity to metabolically support pancreatic cancer. Cancer cell, 42(5), 869.

Li Y, et al. (2024) BMP suppresses Wnt signaling via the Bcl11b-regulated NuRD complex to maintain intestinal stem cells. The EMBO journal, 43(23), 6032.

Mancheno-Ferris A, et al. (2024) Crosstalk between chromatin and Shavenbaby defines transcriptional output along the Drosophila intestinal stem cell lineage. iScience, 27(1), 108624.

Bárcenas-Walls JR, et al. (2024) Nano-CUT&Tag for multimodal chromatin profiling at single-cell resolution. Nature protocols, 19(3), 791.

LaBella KA, et al. (2024) Telomere dysfunction alters intestinal stem cell dynamics to

promote cancer. Developmental cell, 59(11), 1475.

Wang N, et al. (2024) Microglial apolipoprotein E particles contribute to neuronal senescence and synaptotoxicity. iScience, 27(6), 110006.

Xu C, et al. (2024) Systematic dissection of sequence features affecting binding specificity of a pioneer factor reveals binding synergy between FOXA1 and AP-1. Molecular cell, 84(15), 2838.

Chen J, et al. (2024) Deficiency of lncRNA MERRICAL abrogates macrophage chemotaxis and diabetes-associated atherosclerosis. Cell reports, 43(3), 113815.

Roy SS, et al. (2024) Artificially inserted strong promoter containing multiple G-quadruplexes induces long-range chromatin modification. eLife, 13.

Wang G, et al. (2023) Chemical-induced epigenome resetting for regeneration program activation in human cells. Cell reports, 42(6), 112547.

Zhao Y, et al. (2023) Histone phosphorylation integrates the hepatic glucagon-PKA-CREB gluconeogenesis program in response to fasting. Molecular cell, 83(7), 1093.

Song T, et al. (2023) TRIM28 represses renal cell carcinoma cell proliferation by inhibiting TFE3/KDM6A-regulated autophagy. The Journal of biological chemistry, 299(5), 104621.

Dar MS, et al. (2023) Dnmt3bas coordinates transcriptional induction and alternative exon inclusion to promote catalytically active Dnmt3b expression. Cell reports, 42(6), 112587.

Yang J, et al. (2023) Exposure to high-sugar diet induces transgenerational changes in sweet sensitivity and feeding behavior via H3K27me3 reprogramming. eLife, 12.

Zhang T, et al. (2022) Dysregulated lipid metabolism blunts the sensitivity of cancer cells to EZH2 inhibitor. EBioMedicine, 77, 103872.