Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 28, 2025

H4K16ac-celegans

RRID:AB_310525
Type: Antibody

Proper Citation

(Millipore Cat# 07-329, RRID:AB_310525)

Antibody Information

URL: http://antibodyregistry.org/AB_310525

Proper Citation: (Millipore Cat# 07-329, RRID:AB_310525)

Target Antigen: H4K16ac

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation for lot# unknown is available under ENCODE ID: ENCAB413BOQ

Antibody Name: H4K16ac-celegans

Description: This polyclonal targets H4K16ac

Target Organism: caenorhabditis elegans

Antibody ID: AB_310525

Vendor: Millipore

Catalog Number: 07-329

Record Creation Time: 20241017T001007+0000

Record Last Update: 20241017T014744+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB413BOQ - ENCODE https://www.encodeproject.org/antibodies/ENCAB413BOQ

No alerts have been found for H4K16ac-celegans.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Swaffer MP, et al. (2023) RNA polymerase II dynamics and mRNA stability feedback scale mRNA amounts with cell size. Cell, 186(24), 5254.

Hernández-Carralero E, et al. (2023) ATXN3 controls DNA replication and transcription by regulating chromatin structure. Nucleic acids research.

Lee SC, et al. (2023) Chromatin remodeling of histone H3 variants by DDM1 underlies epigenetic inheritance of DNA methylation. Cell, 186(19), 4100.

Yang B, et al. (2023) Creatine kinase brain-type regulates BCAR1 phosphorylation to facilitate DNA damage repair. iScience, 26(5), 106684.

Wang YC, et al. (2023) Arginine shortage induces replication stress and confers genotoxic resistance by inhibiting histone H4 translation and promoting PCNA ubiquitination. Cell reports, 42(4), 112296.

Janas JA, et al. (2022) Tip60-mediated H2A.Z acetylation promotes neuronal fate specification and bivalent gene activation. Molecular cell, 82(24), 4627.

Nguyen N, et al. (2022) Recruitment of MLL1 complex is essential for SETBP1 to induce myeloid transformation. iScience, 25(1), 103679.

Saçma M, et al. (2022) Fast and high-fidelity in situ 3D imaging protocol for stem cells and niche components for mouse organs and tissues. STAR protocols, 3(3), 101483.

Tchasovnikarova IA, et al. (2022) TRACE generates fluorescent human reporter cell lines to characterize epigenetic pathways. Molecular cell, 82(2), 479.

Saxton DS, et al. (2022) Distinct silencer states generate epigenetic states of heterochromatin. Molecular cell, 82(19), 3566.

Radzisheuskaya A, et al. (2021) Complex-dependent histone acetyltransferase activity of KAT8 determines its role in transcription and cellular homeostasis. Molecular cell, 81(8), 1749.

Khoa LTP, et al. (2020) Histone Acetyltransferase MOF Blocks Acquisition of Quiescence in Ground-State ESCs through Activating Fatty Acid Oxidation. Cell stem cell, 27(3), 441.

Samata M, et al. (2020) Intergenerationally Maintained Histone H4 Lysine 16 Acetylation Is Instructive for Future Gene Activation. Cell, 182(1), 127.

Hussein AM, et al. (2020) Metabolic Control over mTOR-Dependent Diapause-like State. Developmental cell, 52(2), 236.

Bonnefont J, et al. (2019) Cortical Neurogenesis Requires Bcl6-Mediated Transcriptional Repression of Multiple Self-Renewal-Promoting Extrinsic Pathways. Neuron, 103(6), 1096.

Filipponi D, et al. (2019) DNA Damage Signaling-Induced Cancer Cell Reprogramming as a Driver of Tumor Relapse. Molecular cell, 74(4), 651.

van Mierlo G, et al. (2019) Integrative Proteomic Profiling Reveals PRC2-Dependent Epigenetic Crosstalk Maintains Ground-State Pluripotency. Cell stem cell, 24(1), 123.

Shimada M, et al. (2019) Gene-Specific H1 Eviction through a Transcriptional Activator?p300?NAP1?H1 Pathway. Molecular cell, 74(2), 268.

Clouaire T, et al. (2018) Comprehensive Mapping of Histone Modifications at DNA Double-Strand Breaks Deciphers Repair Pathway Chromatin Signatures. Molecular cell, 72(2), 250.

Bulut-Karslioglu A, et al. (2018) The Transcriptionally Permissive Chromatin State of Embryonic Stem Cells Is Acutely Tuned to Translational Output. Cell stem cell, 22(3), 369.