Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 14, 2024

Histone H3 (di methyl K4) antibody [Y47] - ChIP Grade

RRID:AB_732924
Type: Antibody

Proper Citation

(Abcam Cat# ab32356, RRID:AB_732924)

Antibody Information

URL: http://antibodyregistry.org/AB_732924

Proper Citation: (Abcam Cat# ab32356, RRID:AB_732924)

Target Antigen: Histone H3 (di methyl K4) antibody [Y47] - ChIP Grade

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: ChIP, CHIPseq, ICC/IF, IHC-P, IP, WB; Other; Immunofluorescence; Immunocytochemistry; Immunoprecipitation; ChIP; Immunohistochemistry; Immunohistochemistry - fixed; Western Blot

Antibody Name: Histone H3 (di methyl K4) antibody [Y47] - ChIP Grade

Description: This monoclonal targets Histone H3 (di methyl K4) antibody [Y47] - ChIP Grade

Target Organism: human, mouse, rat

Antibody ID: AB_732924

Vendor: Abcam

Catalog Number: ab32356

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 727055 is available under ENCODE ID: ENCAB000AOP - ENCODE https://www.encodeproject.org/antibodies/ENCAB000AOP

No alerts have been found for Histone H3 (di methyl K4) antibody [Y47] - ChIP Grade.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Wang B, et al. (2023) Sepsis induces non-classic innate immune memory in granulocytes. Cell reports, 42(9), 113044.

Tang F, et al. (2023) E3 ligase Trim35 inhibits LSD1 demethylase activity through K63-linked ubiquitination and enhances anti-tumor immunity in NSCLC. Cell reports, 42(12), 113477.

Luo Q, et al. (2023) Covalent Peptide LSD1 Inhibitor Specifically Recognizes Cys360 in the Enzyme-Active Region. Journal of medicinal chemistry, 66(22), 15409.

Najle SR, et al. (2023) Stepwise emergence of the neuronal gene expression program in early animal evolution. Cell, 186(21), 4676.

Pandit M, et al. (2023) Methionine consumption by cancer cells drives a progressive upregulation of PD-1 expression in CD4 T cells. Nature communications, 14(1), 2593.

Padalino G, et al. (2023) Chemical modulation of Schistosoma mansoni lysine specific demethylase 1 (SmLSD1) induces wide-scale biological and epigenomic changes. Wellcome open research, 8, 146.

McGarvey AC, et al. (2022) Single-cell-resolved dynamics of chromatin architecture delineate cell and regulatory states in zebrafish embryos. Cell genomics, 2(1), 100083.

Sheban D, et al. (2022) SUMOylation of linker histone H1 drives chromatin condensation and restriction of embryonic cell fate identity. Molecular cell, 82(1), 106.

Zhang X, et al. (2022) MLL5 is involved in retinal photoreceptor maturation through facilitating CRX-mediated photoreceptor gene transactivation. iScience, 25(4), 104058.

Szafran AT, et al. (2022) Sensitive image-based chromatin binding assays using inducible ER? to rapidly characterize estrogenic chemicals and mixtures. iScience, 25(10), 105200.

Whetstine JR, et al. (2022) A cell-sorting-based protocol for cell cycle small-scale ChIP

sequencing. STAR protocols, 3(2), 101243.

Fu J, et al. (2022) GABA regulates IL-1? production in macrophages. Cell reports, 41(10), 111770.

Wang S, et al. (2022) Loss-of-function variants in the schizophrenia risk gene SETD1A alter neuronal network activity in human neurons through the cAMP/PKA pathway. Cell reports, 39(5), 110790.

David K, et al. (2022) CD74 as a regulator of transcription in normal B cells. Cell reports, 41(5), 111572.

Xu S, et al. (2021) KDM5A suppresses PML-RAR? target gene expression and APL differentiation through repressing H3K4me2. Blood advances, 5(17), 3241.

Van Rechem C, et al. (2021) Collective regulation of chromatin modifications predicts replication timing during cell cycle. Cell reports, 37(1), 109799.

Tresenrider A, et al. (2021) Integrated genomic analysis reveals key features of long undecoded transcript isoform-based gene repression. Molecular cell, 81(10), 2231.

AlAbdi L, et al. (2020) Oct4-Mediated Inhibition of Lsd1 Activity Promotes the Active and Primed State of Pluripotency Enhancers. Cell reports, 30(5), 1478.

Siwek W, et al. (2020) Activation of Clustered IFN? Target Genes Drives Cohesin-Controlled Transcriptional Memory. Molecular cell, 80(3), 396.

Chen T, et al. (2019) Ultrastructure of spermiogenesis and the distribution of spermatozoal nuclear histones in the Japanese mantis shrimp, Oratosquilla oratoria (Crustacea: Stomatopoda). Journal of morphology, 280(8), 1170.