Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 18, 2025

H3K79me3-mouse

RRID:AB_303215
Type: Antibody

Proper Citation

(Abcam Cat# ab2621, RRID:AB_303215)

Antibody Information

URL: http://antibodyregistry.org/AB_303215

Proper Citation: (Abcam Cat# ab2621, RRID:AB_303215)

Target Antigen: H3K79me3

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation for lot# 959471 is available under ENCODE ID: ENCAB458UGW

Antibody Name: H3K79me3-mouse

Description: This polyclonal targets H3K79me3

Target Organism: mus musculus

Antibody ID: AB_303215

Vendor: Abcam

Catalog Number: ab2621

Record Creation Time: 20231110T045048+0000

Record Last Update: 20241115T125602+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 361576 is available under ENCODE ID: ENCAB502YEA - ENCODE https://www.encodeproject.org/antibodies/ENCAB502YEA

No alerts have been found for H3K79me3-mouse.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Malla AB, et al. (2023) DOT1L bridges transcription and heterochromatin formation at mammalian pericentromeres. EMBO reports, 24(8), e56492.

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

Bochy?ska A, et al. (2022) Induction of senescence upon loss of the Ash2l core subunit of H3K4 methyltransferase complexes. Nucleic acids research, 50(14), 7889.

Yang M, et al. (2022) Chemical-induced chromatin remodeling reprograms mouse ESCs to totipotent-like stem cells. Cell stem cell, 29(3), 400.

Fang W, et al. (2022) Reciprocal regulation of phosphatidylcholine synthesis and H3K36 methylation programs metabolic adaptation. Cell reports, 39(2), 110672.

Sasaki K, et al. (2022) Visualization of the dynamic interaction between nucleosomal histone H3K9 tri-methylation and HP1? chromodomain in living cells. Cell chemical biology, 29(7), 1153.

Singh RP, et al. (2020) Disrupting Mitochondrial Copper Distribution Inhibits Leukemic Stem Cell Self-Renewal. Cell stem cell, 26(6), 926.

Ye C, et al. (2019) Demethylation of the Protein Phosphatase PP2A Promotes Demethylation of Histones to Enable Their Function as a Methyl Group Sink. Molecular cell, 73(6), 1115.

Chory EJ, et al. (2019) Nucleosome Turnover Regulates Histone Methylation Patterns over the Genome. Molecular cell, 73(1), 61.

Valencia-Sánchez MI, et al. (2019) Structural Basis of Dot1L Stimulation by Histone H2B Lysine 120 Ubiquitination. Molecular cell, 74(5), 1010.

Jeronimo C, et al. (2019) Histone Recycling by FACT and Spt6 during Transcription Prevents the Scrambling of Histone Modifications. Cell reports, 28(5), 1206.

Huang Y, et al. (2019) Small-Molecule Targeting of Oncogenic FTO Demethylase in Acute Myeloid Leukemia. Cancer cell, 35(4), 677.

Monahan K, et al. (2017) Cooperative interactions enable singular olfactory receptor expression in mouse olfactory neurons. eLife, 6.

Mulla WA, et al. (2017) Aneuploidy as a cause of impaired chromatin silencing and mating-type specification in budding yeast. eLife, 6.

Ye C, et al. (2017) A Metabolic Function for Phospholipid and Histone Methylation. Molecular cell, 66(2), 180.

Kieffer-Kwon KR, et al. (2017) Myc Regulates Chromatin Decompaction and Nuclear Architecture during B Cell Activation. Molecular cell, 67(4), 566.

Brejc K, et al. (2017) Dynamic Control of X Chromosome Conformation and Repression by a Histone H4K20 Demethylase. Cell, 171(1), 85.