

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

H3K36me2-celegans

RRID:AB_1280939

Type: Antibody

Proper Citation

Abcam Cat# ab9049, RRID:AB_1280939

Antibody Information

URL: http://antibodyregistry.org/AB_1280939

Proper Citation: Abcam Cat# ab9049, RRID:AB_1280939

Target Antigen: H3K36me2

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation DATA SET is released testing lot 608457 for any cell type or tissues; status is awaiting lab characterization

Antibody Name: H3K36me2-celegans

Description: This polyclonal targets H3K36me2

Target Organism: caenorhabditis elegans

Antibody ID: AB_1280939

Vendor: Abcam

Catalog Number: ab9049

Record Creation Time: 20231110T053458+0000

Record Last Update: 20260829T014701+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 608457 is available under ENCODE ID: ENCAB790SCK - ENCODE

No alerts have been found for H3K36me2-celegans.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Xue D, et al. (2026) Histone methyltransferase SET-18/SMYD2-mediated activation of NADase TIR-1d/SARM1 increases mtROS to promote aging. *iScience*, 29(2), 114649.

Chen Y, et al. (2026) PFKFB4 Deubiquitination by USP10 Enhances Fumarate Metabolism to Orchestrate the KDM1A/Rad51 Axis and Confer Radioresistance in Lung Cancer. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e76439.

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.

Ko EK, et al. (2024) Disruption of H3K36 methylation provokes cellular plasticity to drive aberrant glandular formation and squamous carcinogenesis. *Developmental cell*, 59(2), 187.

Nie DY, et al. (2024) Recruitment of FBXO22 for targeted degradation of NSD2. *Nature chemical biology*, 20(12), 1597.

Gleason RJ, et al. (2023) Developmentally programmed histone H3 expression regulates cellular plasticity at the parental-to-early embryo transition. *Science advances*, 9(14), eadh0411.

Jamge B, et al. (2023) Histone variants shape chromatin states in Arabidopsis. *eLife*, 12.

Nie DY, et al. (2023) Recruitment of FBXO22 for Targeted Degradation of NSD2. *bioRxiv* : the preprint server for biology.

Yang JH, et al. (2023) Loss of epigenetic information as a cause of mammalian aging. *Cell*, 186(2), 305.

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

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

Drosos Y, et al. (2022) NSD1 mediates antagonism between SWI/SNF and polycomb complexes and is required for transcriptional activation upon EZH2 inhibition. *Molecular cell*, 82(13), 2472.

Whetstine JR, et al. (2022) A cell-sorting-based protocol for cell cycle small-scale ChIP sequencing. *STAR protocols*, 3(2), 101243.

Yan Y, et al. (2022) ASH1L haploinsufficiency results in autistic-like phenotypes in mice and links Eph receptor gene to autism spectrum disorder. *Neuron*, 110(7), 1156.

Barral A, et al. (2022) SETDB1/NSD-dependent H3K9me3/H3K36me3 dual heterochromatin maintains gene expression profiles by bookmarking poised enhancers. *Molecular cell*, 82(4), 816.

Dilworth D, et al. (2022) A chemical probe targeting the PWWP domain alters NSD2 nucleolar localization. *Nature chemical biology*, 18(1), 56.

Chen E, et al. (2022) Decorating chromatin for enhanced genome editing using CRISPR-Cas9. *Proceedings of the National Academy of Sciences of the United States of America*, 119(49), e2204259119.

Conway E, et al. (2021) BAP1 enhances Polycomb repression by counteracting widespread H2AK119ub1 deposition and chromatin condensation. *Molecular cell*, 81(17), 3526.

Santos-Rosa H, et al. (2021) Methylation of histone H3 at lysine 37 by Set1 and Set2 prevents spurious DNA replication. *Molecular cell*, 81(13), 2793.

Liu H, et al. (2021) Pro-inflammatory and proliferative microglia drive progression of glioblastoma. *Cell reports*, 36(11), 109718.