

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 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: 20250819T211421+0000

Record Last Update: 20250819T221819+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 [ASWG](#) .

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.

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

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.

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.

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

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.

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.

Zaghet N, et al. (2021) Coordinated maintenance of H3K36/K27 methylation by histone demethylases preserves germ cell identity and immortality. Cell reports, 37(8), 110050.