

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

H3K36me3-human

RRID:AB_306966

Type: Antibody

Proper Citation

Abcam Cat# ab9050, RRID:AB_306966

Antibody Information

URL: http://antibodyregistry.org/AB_306966

Proper Citation: Abcam Cat# ab9050, RRID:AB_306966

Target Antigen: H3K36me3

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation for lot# 707946 is available under ENCODE ID: ENCAB000ADV

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: H3K36me3-human

Description: This polyclonal targets H3K36me3

Target Organism: homo sapiens

Antibody ID: AB_306966

Vendor: Abcam

Catalog Number: ab9050

Record Creation Time: 20231110T035233+0000

Record Last Update: 20260829T001106+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 927884 is available under ENCODE ID: ENCAB570ZTO - ENCODE
<https://www.encodeproject.org/antibodies/ENCAB570ZTO>

No alerts have been found for H3K36me3-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 133 mentions in open access literature.

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

Foidart P, et al. (2026) Whole-genome doubling drives immune evasion by silencing antigen presentation. *Cancer cell*, 44(7), 1418.

Shaheen MT, et al. (2026) The Lysine Demethylase KDM4C Is an Oncogenic Driver and Regulates ERK Activity in KRAS-Mutant Pancreatic Ductal Adenocarcinoma. *Cancer research communications*, 6(1), 245.

Gil J, et al. (2026) Unique territorial and compartmental organization of chromosomes in the holocentric silkworm. *The EMBO journal*, 45(5), 1573.

Li X, et al. (2026) A plant histone H3.3-specific amino acid safeguards the deposition of H3K36 methylation for proper development and stress responses. *Developmental cell*, 61(4), 871.

Chen H, et al. (2026) Genome-wide rotational and translational phasing of nucleosomes with human transcription factors. *Molecular cell*, 86(14), 2722.

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.

Yuan C, et al. (2026) The XSER1 lncRNA acts as an enhancer RNA and confers resistance to pathogens by promoting chromatin loop formation in rice. *Molecular cell*, 86(6), 998.

Chauhan S, et al. (2026) Histone H3.3 ensures cell proliferation and genomic stability during myeloid cell development. *iScience*, 29(7), 116501.

Shen X, et al. (2025) Targeting pancreatic cancer glutamine dependency confers vulnerability to GPX4-dependent ferroptosis. *Cell reports. Medicine*, 6(2), 101928.

Qian J, et al. (2025) BET family BRD3 initiates DSB-induced chromatin remodeling with TIP60 to promote R-loop-mediated HR. *Cell reports*, 44(11), 116461.

Kawamura YK, et al. (2025) Preventing CpG hypermethylation in oocytes safeguards mouse development. *Developmental cell*.

Flaherty JN, et al. (2025) The catalytic efficiency of METTL16 affects cellular processes by governing the intracellular S-adenosylmethionine setpoint. *Cell reports*, 44(7), 115966.

Wang Z, et al. (2025) Nuclear-lamin-guided plastic positioning and folding of the human genome. *Cell reports*, 44(11), 116529.

Chatterjee B, et al. (2025) Hypoxia-induced genome-wide DNA demethylation by DNMT3A and EMT of cancer cells. *Cellular & molecular biology letters*, 30(1), 95.

Yagi M, et al. (2025) Bivalent chromatin instructs lineage specification during hematopoiesis. *Cell*, 188(16), 4314.

Nosaka Y, et al. (2025) Generation of germinal-vesicle oocytes from mouse embryonic stem cells under an ovarian soma-free condition. *Developmental cell*.

Tsukahara T, et al. (2025) Division of labor among H3K4 methyltransferases defines distinct facets of homeostatic plasticity. *Cell reports*, 44(6), 115746.

Xu M, et al. (2025) A fungal chromatin remodeler drives transcription by establishing an open chromatin architecture and activated histone environment. *Cell reports*, 44(9), 116169.

Stephan TL, et al. (2025) TBX3 advances the developmental chromatin landscape toward the hepatic fate. *Developmental cell*.

Esposito F, et al. (2025) DROSHA, DICER, and damage-induced long ncRNA control BMI1-dependent transcriptional repression at DNA double-strand break. *Cell reports*, 44(12), 116605.