

Resource Summary Report

Generated by [RRID](#) on Aug 10, 2026

H3K56ac-human

RRID:AB_390167

Type: Antibody

Proper Citation

Millipore Cat# 07-677, RRID:AB_390167

Antibody Information

URL: http://antibodyregistry.org/AB_390167

Proper Citation: Millipore Cat# 07-677, RRID:AB_390167

Target Antigen: H3K56ac

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation DATA SET is released testing lot DAM1462569 for any cell type or tissues; status is awaiting lab characterization

Antibody Name: H3K56ac-human

Description: This polyclonal targets H3K56ac

Target Organism: homo sapiens

Antibody ID: AB_390167

Vendor: Millipore

Catalog Number: 07-677

Record Creation Time: 20250820T043658+0000

Record Last Update: 20250820T192725+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: DAM1462569 is available under ENCODE ID: ENCAB000ASJ - ENCODE

No alerts have been found for H3K56ac-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Ming S, et al. (2024) Alphaherpesvirus manipulates retinoic acid metabolism for optimal replication. *iScience*, 27(7), 110144.

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.

Zhao K, et al. (2023) MOF-mediated acetylation of SIRT6 disrupts SIRT6-FOXA2 interaction and represses SIRT6 tumor-suppressive function by upregulating ZEB2 in NSCLC. *Cell reports*, 42(8), 112939.

Khan D, et al. (2021) SIRT6 transcriptionally regulates fatty acid transport by suppressing PPAR γ . *Cell reports*, 35(9), 109190.

Moretto F, et al. (2021) Transcription levels of a noncoding RNA orchestrate opposing regulatory and cell fate outcomes in yeast. *Cell reports*, 34(3), 108643.

Meng F, et al. (2020) Synergy between SIRT1 and SIRT6 helps recognize DNA breaks and potentiates the DNA damage response and repair in humans and mice. *eLife*, 9.

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

Zeng R, et al. (2019) Generation of four H1 hESC sublines carrying a hemizygous knock-out/mutant MECP2. *Stem cell research*, 40, 101533.

Li L, et al. (2018) Transcriptional Regulation of the Warburg Effect in Cancer by SIX1. *Cancer cell*, 33(3), 368.