

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

H3F3A-human

RRID:AB_10845793

Type: Antibody

Proper Citation

Millipore Cat# 09-838, RRID:AB_10845793

Antibody Information

URL: http://antibodyregistry.org/AB_10845793

Proper Citation: Millipore Cat# 09-838, RRID:AB_10845793

Target Antigen: H3F3A

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation DATA SET is released testing lot 2273984 for any cell type and tissues; status is eligible for new data (via exemption)

Antibody Name: H3F3A-human

Description: This polyclonal targets H3F3A

Target Organism: Homo sapiens

Antibody ID: AB_10845793

Vendor: Millipore

Catalog Number: 09-838

Record Creation Time: 20250819T212907+0000

Record Last Update: 20250819T230628+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 2273984 is available under ENCODE ID: ENCAB494QXU - ENCODE

No alerts have been found for H3F3A-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Kumar Y, et al. (2026) Acetylation of H3K115 is associated with fragile nucleosomes at CpG island promoters and active regulatory sites. *eLife*, 14.

Louzon S, et al. (2025) Age- and cell-type-specific effects of histone variant H2BE in the brain. *Cell reports*, 44(12), 116655.

Meitinger F, et al. (2024) Control of cell proliferation by memories of mitosis. *Science (New York, N.Y.)*, 383(6690), 1441.

Dasgupta N, et al. (2024) Histone chaperone HIRA, promyelocytic leukemia protein, and p62/SQSTM1 coordinate to regulate inflammation during cell senescence. *Molecular cell*, 84(17), 3271.

Leszczynska KB, et al. (2024) H2A.Z histone variants facilitate HDACi-dependent removal of H3.3K27M mutant protein in pediatric high-grade glioma cells. *Cell reports*, 43(2), 113707.

Palma FR, et al. (2024) Histone H3.1 is a chromatin-embedded redox sensor triggered by tumor cells developing adaptive phenotypic plasticity and multidrug resistance. *Cell reports*, 43(3), 113897.

Bressan RB, et al. (2021) Regional identity of human neural stem cells determines oncogenic responses to histone H3.3 mutants. *Cell stem cell*, 28(5), 877.

Chaouch A, et al. (2021) Histone H3.3 K27M and K36M mutations de-repress transposable elements through perturbation of antagonistic chromatin marks. *Molecular cell*, 81(23), 4876.

Khazaei S, et al. (2020) H3.3 G34W Promotes Growth and Impedes Differentiation of Osteoblast-Like Mesenchymal Progenitors in Giant Cell Tumor of Bone. *Cancer discovery*, 10(12), 1968.

Chen CCL, et al. (2020) Histone H3.3G34-Mutant Interneuron Progenitors Co-opt PDGFRA for Gliomagenesis. *Cell*, 183(6), 1617.

Segura-Bayona S, et al. (2020) Tausled-Like Kinases Suppress Innate Immune Signaling Triggered by Alternative Lengthening of Telomeres. *Cell reports*, 32(5), 107983.

Li M, et al. (2019) Non-oncogene Addiction to SIRT3 Plays a Critical Role in Lymphomagenesis. *Cancer cell*, 35(6), 916.

Pathania M, et al. (2017) H3.3K27M Cooperates with Trp53 Loss and PDGFRA Gain in Mouse Embryonic Neural Progenitor Cells to Induce Invasive High-Grade Gliomas. *Cancer cell*, 32(5), 684.

Stroud H, et al. (2017) Early-Life Gene Expression in Neurons Modulates Lasting Epigenetic States. *Cell*, 171(5), 1151.