Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 23, 2025

Rabbit Anti-Histone H4, trimethyl (Lys20) ChIP Grade Polyclonal Antibody, Unconjugated

RRID:AB_306969
Type: Antibody

Proper Citation

(Abcam Cat# ab9053, RRID:AB_306969)

Antibody Information

URL: http://antibodyregistry.org/AB_306969

Proper Citation: (Abcam Cat# ab9053, RRID:AB_306969)

Target Antigen: Histone H4 (tri methyl K20) - ChIP Grade

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Blocking/Neutralize; Flow Cytometry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Other; Western Blot; Chromatin IP, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunofluorescence, Immunohistochemistry (PFA fixed), Immunohistochemistry-Fr, Immunohistochemistry-P, Western Blot

Antibody Name: Rabbit Anti-Histone H4, trimethyl (Lys20) ChIP Grade Polyclonal Antibody, Unconjugated

Description: This polyclonal targets Histone H4 (tri methyl K20) - ChIP Grade

Target Organism: all

Antibody ID: AB_306969

Vendor: Abcam

Catalog Number: ab9053

Record Creation Time: 20241016T224456+0000

Record Last Update: 20241016T232657+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Histone H4, trimethyl (Lys20) ChIP Grade Polyclonal Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-Histone H4, trimethyl (Lys20) ChIP Grade Polyclonal Antibody, Unconjugated.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Ramponi V, et al. (2025) H4K20me3-Mediated Repression of Inflammatory Genes Is a Characteristic and Targetable Vulnerability of Persister Cancer Cells. Cancer research, 85(1), 32.

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

Huang L, et al. (2023) Structural insight into H4K20 methylation on H2A.Z-nucleosome by SUV420H1. Molecular cell, 83(16), 2884.

Reisbeck L, et al. (2023) The iron chelator and OXPHOS inhibitor VLX600 induces mitophagy and an autophagy-dependent type of cell death in glioblastoma cells. American journal of physiology. Cell physiology, 325(6), C1451.

Jovanovi? B, et al. (2023) Heterogeneity and transcriptional drivers of triple-negative breast cancer. Cell reports, 42(12), 113564.

Chomiak AA, et al. (2022) Nde1 is required for heterochromatin compaction and stability in neocortical neurons. iScience, 25(6), 104354.

Pal AS, et al. (2022) Loss of KMT5C Promotes EGFR Inhibitor Resistance in NSCLC via LINC01510-Mediated Upregulation of MET. Cancer research, 82(8), 1534.

Bedi YS, et al. (2022) Chromatin alterations during the epididymal maturation of mouse sperm refine the paternally inherited epigenome. Epigenetics & chromatin, 15(1), 2.

Liu Z, et al. (2022) Large-scale chromatin reorganization reactivates placenta-specific genes that drive cellular aging. Developmental cell, 57(11), 1347.

Harpaz N, et al. (2022) Single-cell epigenetic analysis reveals principles of chromatin states in H3.3-K27M gliomas. Molecular cell, 82(14), 2696.

Sasaki K, et al. (2022) Visualization of the dynamic interaction between nucleosomal histone H3K9 tri-methylation and HP1? chromodomain in living cells. Cell chemical biology, 29(7), 1153.

Markenscoff-Papadimitriou E, et al. (2021) Autism risk gene POGZ promotes chromatin accessibility and expression of clustered synaptic genes. Cell reports, 37(10), 110089.

Shiimori M, et al. (2021) Suv4-20h2 protects against influenza virus infection by suppression of chromatin loop formation. iScience, 24(6), 102660.

Markenscoff-Papadimitriou E, et al. (2020) A Chromatin Accessibility Atlas of the Developing Human Telencephalon. Cell, 182(3), 754.

Ma Z, et al. (2018) Epigenetic drift of H3K27me3 in aging links glycolysis to healthy longevity in Drosophila. eLife, 7.

Zhu Z, et al. (2017) PHB Associates with the HIRA Complex to Control an Epigenetic-Metabolic Circuit in Human ESCs. Cell stem cell, 20(2), 274.

Rao SSP, et al. (2017) Cohesin Loss Eliminates All Loop Domains. Cell, 171(2), 305.

Wu J, et al. (2017) Interspecies Chimerism with Mammalian Pluripotent Stem Cells. Cell, 168(3), 473.

Brejc K, et al. (2017) Dynamic Control of X Chromosome Conformation and Repression by a Histone H4K20 Demethylase. Cell, 171(1), 85.