

Resource Summary Report

Generated by PRECISE-TBI on Aug 14, 2026

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

RRID:AB_306967

Type: Antibody

Proper Citation

Abcam Cat# ab9051, RRID:AB_306967

Antibody Information

URL: http://antibodyregistry.org/AB_306967

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Target Antigen: Histone H4 (mono 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-Fr, Western Blot

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

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

Target Organism: all

Antibody ID: AB_306967

Vendor: Abcam

Catalog Number: ab9051

Record Creation Time: 20250820T053321+0000

Record Last Update: 20250820T215121+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 104513 is available under ENCODE ID: ENCAB972UJU - ENCODE
<https://www.encodeproject.org/antibodies/ENCAB972UJU>

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

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

Cramer Z, et al. (2026) APC coordinates GSK3 phosphorylation of SETD8 to suppress colorectal cancer. Cell reports, 45(3), 117045.

Porter RS, et al. (2025) Coordinated neuron-specific splicing events restrict nucleosome engagement of the LSD1 histone demethylase complex. Cell reports, 44(1), 115213.

Kumar B, et al. (2025) Multiplexed chromatin immunoprecipitation sequencing for quantitative study of histone modifications and chromatin factors. Nature protocols, 20(3), 779.

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

Valledor M, et al. (2023) Early chromosome condensation by XIST builds A-repeat RNA density that facilitates gene silencing. Cell reports, 42(7), 112686.

Abini-Agbomson S, et al. (2023) Catalytic and non-catalytic mechanisms of histone H4 lysine 20 methyltransferase SUV420H1. Molecular cell, 83(16), 2872.

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

Rang FJ, et al. (2022) Single-cell profiling of transcriptome and histone modifications with EpiDamID. Molecular cell, 82(10), 1956.

Gu L, et al. (2019) Dichotomy of Dosage Compensation along the Neo Z Chromosome of the Monarch Butterfly. Current biology : CB, 29(23), 4071.

Rowley MJ, et al. (2017) Evolutionarily Conserved Principles Predict 3D Chromatin Organization. *Molecular cell*, 67(5), 837.

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