Resource Summary Report

Generated by dkNET on Jul 30, 2026

Anti-RNA polymerase II, clone CTD4H8

RRID:AB_309852
Type: Antibody

Proper Citation

Millipore Cat# 05-623, RRID:AB_309852

Antibody Information

URL: http://antibodyregistry.org/AB_309852

Proper Citation: Millipore Cat# 05-623, RRID:AB_309852

Target Antigen: RNA polymerase II clone CTD4H8

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: IgG1; IgG1 ChIP, WB; Western Blot; ChIP

Antibody Name: Anti-RNA polymerase II, clone CTD4H8

Description: This monoclonal targets RNA polymerase II clone CTD4H8

Target Organism: h, m, yeastfungi, r

Antibody ID: AB_309852

Vendor: Millipore

Catalog Number: 05-623

Record Creation Time: 20250819T230509+0000

Record Last Update: 20250820T041423+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB597MCQ - ENCODE https://www.encodeproject.org/antibodies/ENCAB597MCQ

No alerts have been found for Anti-RNA polymerase II, clone CTD4H8.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 34 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Ummethum H, et al. (2025) The CGG triplet repeat binding protein 1 counteracts R-loop induced transcription-replication stress. EMBO reports, 26(19), 4691.

Li J, et al. (2025) SARS-CoV-2 nonstructural protein 1 suppresses host transcription by reducing RNA polymerase II levels. iScience, 28(12), 114233.

Devlin JR, et al. (2025) A CDK11-dependent RNA polymerase II pause-checkpoint precedes CDK9-mediated transition to transcriptional elongation. Molecular cell, 85(17), 3256.

Vemuri K, et al. (2024) Dynamic RNA polymerase II occupancy drives differentiation of the intestine under the direction of HNF4. Cell reports, 43(6), 114242.

Saha D, et al. (2024) Enhancer switching in cell lineage priming is linked to eRNA, Brg1's AT-hook, and SWI/SNF recruitment. Molecular cell, 84(10), 1855.

Leuzzi G, et al. (2024) SMARCAL1 is a dual regulator of innate immune signaling and PD-L1 expression that promotes tumor immune evasion. Cell, 187(4), 861.

Kim J, et al. (2024) An enhancer RNA recruits KMT2A to regulate transcription of Myb. Cell reports, 43(7), 114378.

Milevskiy MJG, et al. (2023) Three-dimensional genome architecture coordinates key regulators of lineage specification in mammary epithelial cells. Cell genomics, 3(11), 100424.

Kumar A, et al. (2022) KSHV episome tethering sites on host chromosomes and regulation of latency-lytic switch by CHD4. Cell reports, 39(6), 110788.

Qiu Z, et al. (2022) Transcription Elongation Machinery Is a Druggable Dependency and Potentiates Immunotherapy in Glioblastoma Stem Cells. Cancer discovery, 12(2), 502.

Dufour CR, et al. (2022) The mTOR chromatin-bound interactome in prostate cancer. Cell reports, 38(12), 110534.

Fernández-Justel JM, et al. (2022) Histone H1 regulates non-coding RNA turnover on chromatin in a m6A-dependent manner. Cell reports, 40(11), 111329.

Pan Q, et al. (2021) The ZMYND8-regulated mevalonate pathway endows YAP-high intestinal cancer with metabolic vulnerability. Molecular cell, 81(13), 2736.

Hogg SJ, et al. (2021) Targeting histone acetylation dynamics and oncogenic transcription by catalytic P300/CBP inhibition. Molecular cell, 81(10), 2183.

Guo Q, et al. (2021) A ?-catenin-driven switch in TCF/LEF transcription factor binding to DNA target sites promotes commitment of mammalian nephron progenitor cells. eLife, 10.

Takahashi S, et al. (2021) HBO1-MLL interaction promotes AF4/ENL/P-TEFb-mediated leukemogenesis. eLife, 10.

Huang SK, et al. (2021) Spatial organization of transcribing loci during early genome activation in Drosophila. Current biology : CB, 31(22), 5102.

Skalska L, et al. (2021) Nascent RNA antagonizes the interaction of a set of regulatory proteins with chromatin. Molecular cell, 81(14), 2944.

Vervoort SJ, et al. (2021) The PP2A-Integrator-CDK9 axis fine-tunes transcription and can be targeted therapeutically in cancer. Cell, 184(12), 3143.

Dean JM, et al. (2020) MED19 Regulates Adipogenesis and Maintenance of White Adipose Tissue Mass by Mediating PPAR?-Dependent Gene Expression. Cell reports, 33(1), 108228.