

Resource Summary Report

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RNA polymerase II CTD repeat YSPTSPS (phospho S2) antibody - ChIP Grade

RRID:AB_304749

Type: Antibody

Proper Citation

Abcam Cat# ab5095, RRID:AB_304749

Antibody Information

URL: http://antibodyregistry.org/AB_304749

Proper Citation: Abcam Cat# ab5095, RRID:AB_304749

Target Antigen: RNA polymerase II CTD repeat YSPTSPS (phospho S2) antibody - ChIP Grade

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ChIP, ChIP/Chip, CHIPseq, ICC/IF, IHC-Fr, IHC-P, WB; Immunohistochemistry - frozen; Immunoprecipitation; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Western Blot; ChIP; Immunohistochemistry - fixed

Antibody Name: RNA polymerase II CTD repeat YSPTSPS (phospho S2) antibody - ChIP Grade

Description: This polyclonal targets RNA polymerase II CTD repeat YSPTSPS (phospho S2) antibody - ChIP Grade

Target Organism: drosophilaarthropod, rat, xenopusamphibian, yeastfungi, mouse, human

Antibody ID: AB_304749

Vendor: Abcam

Catalog Number: ab5095

Record Creation Time: 20231110T081151+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB464RLC - ENCODE <https://www.encodeproject.org/antibodies/ENCAB464RLC>

No alerts have been found for RNA polymerase II CTD repeat YSPTSPS (phospho S2) antibody - ChIP Grade.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 115 mentions in open access literature.

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

Mitra T, et al. (2026) MEK-dependent bioenergetic demand drives terminal CD8+ T cell exhaustion. Immunity.

Mao X, et al. (2026) Cytoplasmic mRNA decay by the antiviral nuclease RNase L promotes transcriptional repression. Cell reports, 45(3), 117028.

Sahoo S, et al. (2026) RAD51C-XRCC3 complex regulates FANCM-mediated R-loop resolution to safeguard genome integrity. Science advances, 12(8), eaea5932.

Huang K, et al. (2026) MRE11 proximal polyadenylation site-mediated looping impacts transcription and genomic stability. Molecular cell, 86(10), 1931.

Tzerpos P, et al. (2026) The transcription factor BACH1 couples chromatin priming and repression to enable macrophage plasticity and adaptation. Immunity.

Pan T, et al. (2026) MEN1 Promotes Ferroptosis by Disrupting CD44 Alternative Splicing to Suppress Lung Cancer. Cancer research, 86(1), 146.

Zhao Y, et al. (2026) H4K16ac contributes to chromatin compartment reorganization during mitotic and meiotic transitions. Cell reports, 45(7), 117639.

Uhl L, et al. (2026) MYC binding to nascent RNA suppresses innate immune signaling by R-loop-derived RNA-DNA hybrids. Cell, 189(5), 1371.

Zhang YR, et al. (2025) Deciphering transcription activity of mammalian early embryos unveils on/off of zygotic genome activation by protein translation/degradation. Cell reports, 44(1), 115215.

Ge H, et al. (2025) Debranching enzyme DBR1-mediated lariat RNA turnover requires ALBA proteins in Arabidopsis. *Molecular cell*, 85(22), 4183.

Allyn BM, et al. (2025) Promoter- and enhancer-dependent cohesin loading initiates chromosome looping to fold Tcrb loci for long-range recombination. *Cell reports*, 44(8), 116133.

Dai P, et al. (2025) Transcription-coupled AID deamination damage depends on ELOF1-associated RNA polymerase II. *Molecular cell*, 85(7), 1280.

Chen S, et al. (2025) Nuclear Argonaute protein NRDE-3 switches small RNA partners during embryogenesis to mediate temporal-specific gene regulatory activity. *eLife*, 13.

Wang Z, et al. (2025) Dcr1 senses R-loops for RNAPII termination at sites of replication stress and repair pathway choice. *Molecular cell*, 85(21), 3947.

Lu C, et al. (2025) Mediator regulates transcriptional termination through crosstalk with pre-mRNA 3' end processing factors. *Molecular cell*, 85(11), 2147.

Pang Y, et al. (2025) Exploiting the therapeutic vulnerability of IDH-mutant gliomas with zotiraciclib. *iScience*, 28(4), 112283.

Puleo N, et al. (2025) Identification of a TNIK-CDK9 Axis as a Targetable Strategy for Platinum-Resistant Ovarian Cancer. *Molecular cancer therapeutics*, 24(4), 639.

Ma HY, et al. (2025) Targeting CDK7/12/13 functional synergism reverses myofibroblast activation and ameliorates lung fibrosis. *iScience*, 28(7), 112778.

Kirthika P, et al. (2025) Off-pore Nucleoporin sPOM121 Transcriptionally Propels β -Catenin-driven Tumor Progression and Immune Escape in Prostate Cancer. *Cancer discovery*, 15(11), 2374.

Chen SM, et al. (2025) SLFN14 functions as a P-TEFb inhibitor to modulate the transcription of HIV-1 and cellular genes. *Science advances*, 11(51), eadt7982.