

Resource Summary Report

Generated by [dkNET](#) on Aug 10, 2026

RNA polymerase II CTD repeat YSPTSPS (phospho S5) antibody - ChIP Grade

RRID:AB_449369

Type: Antibody

Proper Citation

Abcam Cat# ab5131, RRID:AB_449369

Antibody Information

URL: http://antibodyregistry.org/AB_449369

Proper Citation: Abcam Cat# ab5131, RRID:AB_449369

Target Antigen: RNA polymerase II CTD repeat YSPTSPS (phospho S5) antibody - ChIP Grade

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: RNA polymerase II CTD repeat YSPTSPS (phospho S5) antibody - ChIP Grade

Description: This polyclonal targets RNA polymerase II CTD repeat YSPTSPS (phospho S5) antibody - ChIP Grade

Target Organism: rat, drosophilaarthropod, yeastfungi, mouse, zebrafishfish, zebrafish, human

Antibody ID: AB_449369

Vendor: Abcam

Catalog Number: ab5131

Record Creation Time: 20250819T223604+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: GR37362-1 is available under ENCODE ID: ENCAB707QIL - ENCODE <https://www.encodeproject.org/antibodies/ENCAB707QIL>

No alerts have been found for RNA polymerase II CTD repeat YSPTSPS (phospho S5) antibody - ChIP Grade.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Zhang Y, et al. (2026) SETDB2-mediated transcriptional repression of IDE in sensory neurons promotes migraine-like pain behaviors in mice. Cell reports, 45(4), 117201.

Polizzese D, et al. (2026) Sequence-specific RNA recognition drives Restrictor-mediated termination of extragenic transcription. Molecular cell, 86(6), 1046.

Ballester M, et al. (2026) Regulatory elements in the Sox9 locus license the initiation of pancreatic ductal adenocarcinoma. Cell reports, 45(4), 117176.

Yu X, et al. (2026) An H3K4me3 reader recruits the positive transcription elongation factor B complex to facilitate transcription elongation in Arabidopsis. Developmental cell, 61(4), 886.

Stamatiou K, et al. (2026) Multi-omic analyses reveal a differential contribution of chromatin-associated PP1 holoenzymes to mitotic exit and G1 re-establishment. Developmental cell, 61(5), 1127.

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

Assaf S, et al. (2026) Glioblastoma stem cell growth requires DOT1L-MED23 control of enhancer accessibility. Cell reports, 45(7), 117647.

Tobias IC, et al. (2025) A Sox2 enhancer cluster regulates region-specific neural fates from mouse embryonic stem cells. G3 (Bethesda, Md.), 15(4).

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

Cheng T, et al. (2025) Transcription-replication conflict resolution by nuclear RNA interference. *Molecular cell*, 85(21), 3930.

Arnold MR, et al. (2025) Alpha-synuclein regulates nucleolar DNA double-strand break repair in melanoma. *Science advances*, 11(15), eadq2519.

Guo J, et al. (2025) KMT2C deficiency drives transdifferentiation of double-negative prostate cancer and confer resistance to AR-targeted therapy. *Cancer cell*, 43(7), 1261.

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 ?-Catenin-driven Tumor Progression and Immune Escape in Prostate Cancer. *Cancer discovery*, 15(11), 2374.

Bianco E, et al. (2025) Stm1 regulates Ifh1 activity revealing crosstalk between ribosome biogenesis and ribosome dormancy. *Molecular cell*, 85(9), 1806.

Baran M, et al. (2023) PYHIN protein IFI207 regulates cytokine transcription and IRF7 and contributes to the establishment of *K. pneumoniae* infection. *Cell reports*, 42(4), 112341.

Zhao Y, et al. (2023) Histone phosphorylation integrates the hepatic glucagon-PKA-CREB gluconeogenesis program in response to fasting. *Molecular cell*, 83(7), 1093.

Pappas G, et al. (2023) MDC1 maintains active elongation complexes of RNA polymerase II. *Cell reports*, 42(1), 111979.

Qu J, et al. (2023) Chromatin profiling identifies transcriptional readthrough as a conserved mechanism for piRNA biogenesis in mosquitoes. *Cell reports*, 42(3), 112257.

Wilson GA, et al. (2023) Active growth signaling promotes senescence and cancer cell sensitivity to CDK7 inhibition. *Molecular cell*, 83(22), 4078.