

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Apr 1, 2025

## POLR2AphosphoS5-human

RRID:AB\_304868

Type: Antibody

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### Proper Citation

(Abcam Cat# ab5408, RRID:AB\_304868)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_304868](http://antibodyregistry.org/AB_304868)

**Proper Citation:** (Abcam Cat# ab5408, RRID:AB\_304868)

**Target Antigen:** POLR2AphosphoS5

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** ENCODE PROJECT External validation for lot# 722997 is available under ENCODE ID: ENCAB000AOE

**Antibody Name:** POLR2AphosphoS5-human

**Description:** This monoclonal targets POLR2AphosphoS5

**Target Organism:** homo sapiens

**Antibody ID:** AB\_304868

**Vendor:** Abcam

**Catalog Number:** ab5408

**Record Creation Time:** 20241017T003217+0000

**Record Last Update:** 20241017T022014+0000

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### Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB342HNS - ENCODE <https://www.encodeproject.org/antibodies/ENCAB342HNS>

No alerts have been found for POLR2AphosphoS5-human.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 25 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Luo J, et al. (2023) Nuclear miR-150 enhances hepatic lipid accumulation by targeting RNA transcripts overlapping the PLIN2 promoter. *iScience*, 26(10), 107837.

Nicosia L, et al. (2023) Therapeutic targeting of EP300/CBP by bromodomain inhibition in hematologic malignancies. *Cancer cell*, 41(12), 2136.

Das SK, et al. (2022) MYC assembles and stimulates topoisomerases 1 and 2 in a "topoisome". *Molecular cell*, 82(1), 140.

Wu LY, et al. (2022) Dynamic chromatin state profiling reveals regulatory roles of auxin and cytokinin in shoot regeneration. *Developmental cell*, 57(4), 526.

Szafran AT, et al. (2022) Sensitive image-based chromatin binding assays using inducible ER<sup>+</sup> to rapidly characterize estrogenic chemicals and mixtures. *iScience*, 25(10), 105200.

Lehner MH, et al. (2022) Yeast Smy2 and its human homologs GIGYF1 and -2 regulate Cdc48/VCP function during transcription stress. *Cell reports*, 41(4), 111536.

Uchihara Y, et al. (2022) DNA damage promotes HLA class I presentation by stimulating a pioneer round of translation-associated antigen production. *Molecular cell*, 82(14), 2557.

Fitieh A, et al. (2022) BMI-1 regulates DNA end resection and homologous recombination repair. *Cell reports*, 38(12), 110536.

Sharma AK, et al. (2022) Quantification of protein enrichment at site-specific DNA double-strand breaks by chromatin immunoprecipitation in cultured human cells. *STAR protocols*, 4(1), 101917.

Wiegard A, et al. (2021) Topoisomerase 1 activity during mitotic transcription favors the transition from mitosis to G1. *Molecular cell*, 81(24), 5007.

Jankowski J, et al. (2021) JAK inhibitors dampen activation of interferon-activated transcriptomes and the SARS-CoV-2 receptor ACE2 in human renal proximal tubules. *iScience*, 24(8), 102928.

Pearson JD, et al. (2021) Binary pan-cancer classes with distinct vulnerabilities defined by pro- or anti-cancer YAP/TEAD activity. *Cancer cell*, 39(8), 1115.

Ninova M, et al. (2020) Su(var)2-10 and the SUMO Pathway Link piRNA-Guided Target Recognition to Chromatin Silencing. *Molecular cell*, 77(3), 556.

Ninova M, et al. (2020) The SUMO Ligase Su(var)2-10 Controls Hetero- and Euchromatic Gene Expression via Establishing H3K9 Trimethylation and Negative Feedback Regulation. *Molecular cell*, 77(3), 571.

Meers MP, et al. (2019) Improved CUT&RUN chromatin profiling tools. *eLife*, 8.

Swartz SZ, et al. (2019) Quiescent Cells Actively Replenish CENP-A Nucleosomes to Maintain Centromere Identity and Proliferative Potential. *Developmental cell*, 51(1), 35.

Blank-Giwojna A, et al. (2019) lncRNA KHPS1 Activates a Poised Enhancer by Triplex-Dependent Recruitment of Epigenomic Regulators. *Cell reports*, 26(11), 2904.

Wang Q, et al. (2019) CoBATCH for High-Throughput Single-Cell Epigenomic Profiling. *Molecular cell*, 76(1), 206.

Sadahiro T, et al. (2018) Tbx6 Induces Nascent Mesoderm from Pluripotent Stem Cells and Temporally Controls Cardiac versus Somite Lineage Diversification. *Cell stem cell*, 23(3), 382.

Delgado-Benito V, et al. (2018) The Chromatin Reader ZMYND8 Regulates Igh Enhancers to Promote Immunoglobulin Class Switch Recombination. *Molecular cell*, 72(4), 636.