

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 26, 2025

Rpb1 NTD (D8L4Y)

RRID:AB_2687876

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 14958, RRID:AB_2687876)

Antibody Information

URL: http://antibodyregistry.org/AB_2687876

Proper Citation: (Cell Signaling Technology Cat# 14958, RRID:AB_2687876)

Target Antigen: RPB1 (N-terminal domain)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, ChIP, ChIP-seq

Antibody Name: Rpb1 NTD (D8L4Y)

Description: This monoclonal targets RPB1 (N-terminal domain)

Target Organism: Human, Rat, Monkey, Mouse

Clone ID: D8L4Y

Antibody ID: AB_2687876

Vendor: Cell Signaling Technology

Catalog Number: 14958

Alternative Catalog Numbers: 14958S

Record Creation Time: 20231110T034040+0000

Record Last Update: 20240725T053921+0000

Ratings and Alerts

No rating or validation information has been found for Rpb1 NTD (D8L4Y).

No alerts have been found for Rpb1 NTD (D8L4Y).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Aboreden NG, et al. (2025) LDB1 establishes multi-enhancer networks to regulate gene expression. *Molecular cell*, 85(2), 376.

Boddu PC, et al. (2024) Transcription elongation defects link oncogenic SF3B1 mutations to targetable alterations in chromatin landscape. *Molecular cell*, 84(8), 1475.

Bruno F, et al. (2024) Collisions of RNA polymerases behind the replication fork promote alternative RNA splicing in newly replicated chromatin. *Molecular cell*, 84(2), 221.

Žumer K, et al. (2024) FACT maintains chromatin architecture and thereby stimulates RNA polymerase II pausing during transcription in vivo. *Molecular cell*, 84(11), 2053.

Liang F, et al. (2024) DOT1L/H3K79me2 represses HIV-1 reactivation via recruiting DCAF1. *Cell reports*, 43(7), 114368.

Zhao H, et al. (2024) Pluripotency state transition of embryonic stem cells requires the turnover of histone chaperone FACT on chromatin. *iScience*, 27(1), 108537.

Blears D, et al. (2024) Redundant pathways for removal of defective RNA polymerase II complexes at a promoter-proximal pause checkpoint. *Molecular cell*, 84(24), 4790.

Hong Y, et al. (2024) SAFB restricts contact domain boundaries associated with L1 chimeric transcription. *Molecular cell*, 84(9), 1637.

Han X, et al. (2024) Nuclear RNA homeostasis promotes systems-level coordination of cell fate and senescence. *Cell stem cell*, 31(5), 694.

Phongbunchoo Y, et al. (2024) YY1-mediated enhancer-promoter communication in the immunoglobulin γ locus is regulated by MSL/MOF recruitment. *Cell reports*, 43(7), 114456.

Lukoszek R, et al. (2024) CK2 phosphorylation of CMTR1 promotes RNA cap formation and

influenza virus infection. *Cell reports*, 43(7), 114405.

van den Heuvel D, et al. (2024) STK19 facilitates the clearance of lesion-stalled RNAPII during transcription-coupled DNA repair. *Cell*, 187(25), 7107.

Wang Z, et al. (2024) The phosphatase PP1 sustains global transcription by promoting RNA polymerase II pause release. *Molecular cell*, 84(24), 4824.

Li Y, et al. (2023) RNA Pol II preferentially regulates ribosomal protein expression by trapping disassociated subunits. *Molecular cell*, 83(8), 1280.

Ji YX, et al. (2023) Protocol for rapidly inducing genome-wide RNA Pol II hyperphosphorylation by selectively disrupting INTAC phosphatase activity. *STAR protocols*, 4(4), 102640.

Sun Z, et al. (2023) Chromatin regulation of transcriptional enhancers and cell fate by the Sotos syndrome gene NSD1. *Molecular cell*, 83(14), 2398.

Hu S, et al. (2023) INTAC endonuclease and phosphatase modules differentially regulate transcription by RNA polymerase II. *Molecular cell*, 83(10), 1588.

Yang N, et al. (2023) A hyper-quiescent chromatin state formed during aging is reversed by regeneration. *Molecular cell*, 83(10), 1659.

Marasco LE, et al. (2022) Counteracting chromatin effects of a splicing-correcting antisense oligonucleotide improves its therapeutic efficacy in spinal muscular atrophy. *Cell*, 185(12), 2057.

Wang X, et al. (2022) RPAP2 regulates a transcription initiation checkpoint by inhibiting assembly of pre-initiation complex. *Cell reports*, 39(4), 110732.