Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

RNA Pol II CTD, phos. Serine 2 [3E10]

RRID:AB_2631403
Type: Antibody

Proper Citation

(ChromoTek Cat# 3e10-5, RRID:AB_2631403)

Antibody Information

URL: http://antibodyregistry.org/AB_2631403

Proper Citation: (ChromoTek Cat# 3e10-5, RRID:AB_2631403)

Target Antigen: Ser2-P of RNA polymerase II

Host Organism: rat

Clonality: monoclonal

Comments: Tested applications: Western Blot, ChIP

Antibody Name: RNA Pol II CTD, phos. Serine 2 [3E10]

Description: This monoclonal targets Ser2-P of RNA polymerase II

Target Organism: Drosophila, yeast, mammalian

Defining Citation: PMID:18079404

Antibody ID: AB_2631403

Vendor: ChromoTek

Catalog Number: 3e10-5

Record Creation Time: 20231110T034733+0000

Record Last Update: 20240725T021332+0000

Ratings and Alerts

No rating or validation information has been found for RNA Pol II CTD, phos. Serine 2 [3E10].

No alerts have been found for RNA Pol II CTD, phos. Serine 2 [3E10].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Lukoszek R, et al. (2024) CK2 phosphorylation of CMTR1 promotes RNA cap formation and influenza virus infection. Cell reports, 43(7), 114405.

Zhou D, et al. (2024) Live-cell imaging of endogenous CSB-mScarletI as a sensitive marker for DNA-damage-induced transcription stress. Cell reports methods, 4(1), 100674.

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

Vihervaara A, et al. (2023) PRO-IP-seq tracks molecular modifications of engaged Pol II complexes at nucleotide resolution. Nature communications, 14(1), 7039.

Legrand N, et al. (2019) PPAR?/? recruits NCOR and regulates transcription reinitiation of ANGPTL4. Nucleic acids research, 47(18), 9573.

Seruggia D, et al. (2019) TAF5L and TAF6L Maintain Self-Renewal of Embryonic Stem Cells via the MYC Regulatory Network. Molecular cell, 74(6), 1148.

Hancock ML, et al. (2019) Insulin Receptor Associates with Promoters Genome-wide and Regulates Gene Expression. Cell, 177(3), 722.

Mayfield JE, et al. (2019) Tyr1 phosphorylation promotes phosphorylation of Ser2 on the C-terminal domain of eukaryotic RNA polymerase II by P-TEFb. eLife, 8.