Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 4, 2025

RPA32 (4E4) Rat mAb

RRID:AB_2238543
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 2208, RRID:AB_2238543)

Antibody Information

URL: http://antibodyregistry.org/AB_2238543

Proper Citation: (Cell Signaling Technology Cat# 2208, RRID:AB_2238543)

Target Antigen: RPA32

Host Organism: rat

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC. Consolidation: AB_10694062.

Antibody Name: RPA32 (4E4) Rat mAb

Description: This monoclonal targets RPA32

Target Organism: monkey, rat, mouse, human

Clone ID: 4E4

Antibody ID: AB_2238543

Vendor: Cell Signaling Technology

Catalog Number: 2208

Alternative Catalog Numbers: 2208P, 2208S, 2208T

Record Creation Time: 20231110T043608+0000

Record Last Update: 20241115T085821+0000

Ratings and Alerts

No rating or validation information has been found for RPA32 (4E4) Rat mAb.

No alerts have been found for RPA32 (4E4) Rat mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Arends T, et al. (2024) DUX4-induced HSATII transcription causes KDM2A/B-PRC1 nuclear foci and impairs DNA damage response. The Journal of cell biology, 223(5).

Xiang S, et al. (2024) Identification of ATP-Competitive Human CMG Helicase Inhibitors for Cancer Intervention that Disrupt CMG-Replisome Function. Molecular cancer therapeutics, 23(11), 1568.

Rona G, et al. (2024) CDK-independent role of D-type cyclins in regulating DNA mismatch repair. Molecular cell.

Ehring K, et al. (2024) Two-way Dispatched function in Sonic hedgehog shedding and transfer to high-density lipoproteins. eLife, 12.

Ren S, et al. (2024) PAPAS promotes differentiation of mammary epithelial cells and suppresses breast carcinogenesis. Cell reports, 43(1), 113644.

Ubieto-Capella P, et al. (2024) A rewiring of DNA replication mediated by MRE11 exonuclease underlies primed-to-naive cell de-differentiation. Cell reports, 43(4), 114024.

Do BT, et al. (2024) Nucleotide depletion promotes cell fate transitions by inducing DNA replication stress. Developmental cell, 59(16), 2203.

van de Kooij B, et al. (2024) EXO1 protects BRCA1-deficient cells against toxic DNA lesions. Molecular cell, 84(4), 659.

Smith JR, et al. (2023) MEF2A suppresses stress responses that trigger DDX41-dependent IFN production. Cell reports, 42(8), 112805.

Xiang S, et al. (2023) Identification of Selective ATP-Competitive CMG Helicase Inhibitors for Cancer Intervention that Disrupt CMG-Replisome Function. Research square.

Li N, et al. (2022) NEIL3 contributes to the Fanconi anemia/BRCA pathway by promoting the downstream double-strand break repair step. Cell reports, 41(6), 111600.

Fowler FC, et al. (2022) DNA-PK promotes DNA end resection at DNA double strand breaks in G0 cells. eLife, 11.

Palmerola KL, et al. (2022) Replication stress impairs chromosome segregation and preimplantation development in human embryos. Cell, 185(16), 2988.

Shinoda K, et al. (2021) The dystonia gene THAP1 controls DNA double-strand break repair choice. Molecular cell, 81(12), 2611.

Cai MY, et al. (2020) Cooperation of the ATM and Fanconi Anemia/BRCA Pathways in Double-Strand Break End Resection. Cell reports, 30(7), 2402.

Mendez-Dorantes C, et al. (2020) BLM has Contrary Effects on Repeat-Mediated Deletions, based on the Distance of DNA DSBs to a Repeat and Repeat Divergence. Cell reports, 30(5), 1342.

Nacson J, et al. (2020) BRCA1 Mutational Complementation Induces Synthetic Viability. Molecular cell, 78(5), 951.

Takemoto K, et al. (2020) Meiosis-Specific C19orf57/4930432K21Rik/BRME1 Modulates Localization of RAD51 and DMC1 to DSBs in Mouse Meiotic Recombination. Cell reports, 31(8), 107686.

Papanikos F, et al. (2019) Mouse ANKRD31 Regulates Spatiotemporal Patterning of Meiotic Recombination Initiation and Ensures Recombination between X and Y Sex Chromosomes. Molecular cell, 74(5), 1069.

Zong D, et al. (2019) BRCA1 Haploinsufficiency Is Masked by RNF168-Mediated Chromatin Ubiquitylation. Molecular cell, 73(6), 1267.