Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

Anti-Rad51 antibody - ChIP Grade (ab176458)

RRID:AB_2665405
Type: Antibody

Proper Citation

(Abcam Cat# ab176458, RRID:AB_2665405)

Antibody Information

URL: http://antibodyregistry.org/AB_2665405

Proper Citation: (Abcam Cat# ab176458, RRID:AB_2665405)

Target Antigen: Rad51

Host Organism: rabbit

Clonality: polyclonal

Comments: WB and IHC validation data available.

Antibody Name: Anti-Rad51 antibody - ChIP Grade (ab176458)

Description: This polyclonal targets Rad51

Target Organism: human

Antibody ID: AB_2665405

Vendor: Abcam

Catalog Number: ab176458

Record Creation Time: 20241017T004318+0000

Record Last Update: 20241017T023612+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Rad51 antibody - ChIP Grade (ab176458).

No alerts have been found for Anti-Rad51 antibody - ChIP Grade (ab176458).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Dixit S, et al. (2024) RTEL1 helicase counteracts RAD51-mediated homologous recombination and fork reversal to safeguard replicating genomes. Cell reports, 43(8), 114594.

Sellars E, et al. (2024) A high-throughput approach to identify BRCA1-downregulating compounds to enhance PARP inhibitor sensitivity. iScience, 27(7), 110180.

Tang GX, et al. (2024) Mitochondrial RelA empowers mtDNA G-quadruplex formation for hypoxia adaptation in cancer cells. Cell chemical biology, 31(10), 1800.

Huang J, et al. (2023) SLFN5-mediated chromatin dynamics sculpt higher-order DNA repair topology. Molecular cell, 83(7), 1043.

Saayman X, et al. (2023) Centromeres as universal hotspots of DNA breakage, driving RAD51-mediated recombination during quiescence. Molecular cell, 83(4), 523.

Liu S, et al. (2023) Mycobacterium tuberculosis suppresses host DNA repair to boost its intracellular survival. Cell host & microbe, 31(11), 1820.

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.

Panday A, et al. (2022) A modified CUT&RUN-seq technique for qPCR analysis of chromatin-protein interactions. STAR protocols, 3(3), 101529.

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

Callen E, et al. (2020) 53BP1 Enforces Distinct Pre- and Post-resection Blocks on Homologous Recombination. Molecular cell, 77(1), 26.

Rinaldi VD, et al. (2017) The DNA Damage Checkpoint Eliminates Mouse Oocytes with

Chromosome Synapsis Failure. Molecular cell, 67(6), 1026.