

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 2, 2025

53BP1 Antibody - BSA Free

RRID:AB_10003037

Type: Antibody

Proper Citation

(Novus Cat# NB100-304, RRID:AB_10003037)

Antibody Information

URL: http://antibodyregistry.org/AB_10003037

Proper Citation: (Novus Cat# NB100-304, RRID:AB_10003037)

Target Antigen: 53BP1

Host Organism: Rabbit

Clonality: polyclonal

Comments: Applications: Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, In-situ Hybridization, Flow (Intracellular), Chromatin Immunoprecipitation (ChIP), Knockout Validated, Knockdown Validated

Antibody Name: 53BP1 Antibody - BSA Free

Description: This polyclonal targets 53BP1

Target Organism: Human, Rat, Bovine, Canine, Mouse, Bat, Fish, Primate, Goat

Antibody ID: AB_10003037

Vendor: Novus

Catalog Number: NB100-304

Alternative Catalog Numbers: NB100-304SS

Record Creation Time: 20241017T001936+0000

Record Last Update: 20241017T020140+0000

Ratings and Alerts

No rating or validation information has been found for 53BP1 Antibody - BSA Free.

No alerts have been found for 53BP1 Antibody - BSA Free.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 74 mentions in open access literature.

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

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.

Scelfo A, et al. (2024) Specialized replication mechanisms maintain genome stability at human centromeres. Molecular cell, 84(6), 1003.

Korovina I, et al. (2024) ?1 integrin mediates unresponsiveness to PI3K? inhibition for radiochemosensitization of 3D HNSCC models. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 171, 116217.

Wang Y, et al. (2024) NRDE2 deficiency impairs homologous recombination repair and sensitizes hepatocellular carcinoma to PARP inhibitors. Cell genomics, 4(5), 100550.

Muñoz S, et al. (2024) SIN3A histone deacetylase action counteracts MUS81 to promote stalled fork stability. Cell reports, 43(2), 113778.

He S, et al. (2024) DNA break induces rapid transcription repression mediated by proteasome-dependent RNAPII removal. Cell reports, 43(7), 114420.

Hill BR, et al. (2024) Loss of POLE3-POLE4 unleashes replicative gap accumulation upon treatment with PARP inhibitors. Cell reports, 43(5), 114205.

Meitinger F, et al. (2024) Control of cell proliferation by memories of mitosis. Science (New York, N.Y.), 383(6690), 1441.

Bery A, et al. (2023) XLF/Cernunnos loss impairs mouse brain development by altering

symmetric proliferative divisions of neural progenitors. *Cell reports*, 42(4), 112342.

Refaat AM, et al. (2023) HNRNPU facilitates antibody class-switch recombination through C-NHEJ promotion and R-loop suppression. *Cell reports*, 42(3), 112284.

Sze S, et al. (2023) TERRA R-loops connect and protect sister telomeres in mitosis. *Cell reports*, 42(10), 113235.

Benitez A, et al. (2023) GEN1 promotes common fragile site expression. *Cell reports*, 42(2), 112062.

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

Min J, et al. (2023) Mechanisms of insertions at a DNA double-strand break. *Molecular cell*, 83(14), 2434.

Yang JH, et al. (2023) Loss of epigenetic information as a cause of mammalian aging. *Cell*, 186(2), 305.

Petrosius V, et al. (2023) Temporal phosphoproteomics reveals WEE1-dependent control of 53BP1 pathway. *iScience*, 26(1), 105806.

ElGhazaly M, et al. (2023) Typhoid toxin hijacks Wnt5a to establish host senescence and *Salmonella* infection. *Cell reports*, 42(10), 113181.

Gospodinova KO, et al. (2023) Loss of SORCS2 is Associated with Neuronal DNA Double-Strand Breaks. *Cellular and molecular neurobiology*, 43(1), 237.

Heyza JR, et al. (2023) Systematic analysis of the molecular and biophysical properties of key DNA damage response factors. *eLife*, 12.

Göder A, et al. (2023) PTBP1 enforces ATR-Chk1 signaling determining the potency of CDC7 inhibitors. *iScience*, 26(6), 106951.