Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 29, 2025

53BP1 antibody

RRID:AB_722497 Type: Antibody

Proper Citation

(Abcam Cat# ab36823, RRID:AB_722497)

Antibody Information

URL: http://antibodyregistry.org/AB_722497

Proper Citation: (Abcam Cat# ab36823, RRID:AB_722497)

Target Antigen: 53BP1 antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Flow Cytometry; Western Blot; Immunocytochemistry; Immunohistochemistry - fixed; Immunohistochemistry; Immunoprecipitation; Flow Cyt, ICC/IF, IHC-P, IP, WB; Immunofluorescence

Antibody Name: 53BP1 antibody

Description: This polyclonal targets 53BP1 antibody

Target Organism: mouse, human

Antibody ID: AB_722497

Vendor: Abcam

Catalog Number: ab36823

Record Creation Time: 20241016T235908+0000

Record Last Update: 20241017T013141+0000

Ratings and Alerts

No rating or validation information has been found for 53BP1 antibody.

No alerts have been found for 53BP1 antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Liu Z, et al. (2024) FANCM promotes PARP inhibitor resistance by minimizing ssDNA gap formation and counteracting resection inhibition. Cell reports, 43(7), 114464.

Hidmi O, et al. (2024) TOP1 and R-loops facilitate transcriptional DSBs at hypertranscribed cancer driver genes. iScience, 27(3), 109082.

Oram MK, et al. (2024) RNF4 prevents genomic instability caused by chronic DNA underreplication. DNA repair, 135, 103646.

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

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

Zeng F, et al. (2023) Upregulated DNA Damage-Linked Biomarkers in Parkinson's Disease Model Mice. ASN neuro, 15, 17590914231152099.

Leung W, et al. (2023) FANCD2-dependent mitotic DNA synthesis relies on PCNA K164 ubiquitination. Cell reports, 42(12), 113523.

Kong N, et al. (2023) RIF1 suppresses the formation of single-stranded ultrafine anaphase bridges via protein phosphatase 1. Cell reports, 42(2), 112032.

Pappas G, et al. (2023) MDC1 maintains active elongation complexes of RNA polymerase II. Cell reports, 42(1), 111979.

Sun C, et al. (2023) NAD depletion mediates cytotoxicity in human neurons with autophagy deficiency. Cell reports, 42(5), 112372.

Ka NL, et al. (2021) IFI16 inhibits DNA repair that potentiates type-I interferon-induced

antitumor effects in triple negative breast cancer. Cell reports, 37(12), 110138.

Enrico TP, et al. (2021) Cyclin F drives proliferation through SCF-dependent degradation of the retinoblastoma-like tumor suppressor p130/RBL2. eLife, 10.

Zampetidis CP, et al. (2021) A recurrent chromosomal inversion suffices for driving escape from oncogene-induced senescence via subTAD reorganization. Molecular cell, 81(23), 4907.

Jiang Y, et al. (2021) AMPK-mediated phosphorylation on 53BP1 promotes c-NHEJ. Cell reports, 34(7), 108713.

Xiong J, et al. (2020) Genomic and Transcriptomic Characterization of Natural Killer T Cell Lymphoma. Cancer cell, 37(3), 403.

Walser F, et al. (2020) Ubiquitin Phosphorylation at Thr12 Modulates the DNA Damage Response. Molecular cell, 80(3), 423.

Zatreanu D, et al. (2019) Elongation Factor TFIIS Prevents Transcription Stress and R-Loop Accumulation to Maintain Genome Stability. Molecular cell, 76(1), 57.

Rona G, et al. (2018) PARP1-dependent recruitment of the FBXL10-RNF68-RNF2 ubiquitin ligase to sites of DNA damage controls H2A.Z loading. eLife, 7.

Schmid JA, et al. (2018) Histone Ubiquitination by the DNA Damage Response Is Required for Efficient DNA Replication in Unperturbed S Phase. Molecular cell, 71(6), 897.

Preussner J, et al. (2018) Oncogenic Amplification of Zygotic Dux Factors in Regenerating p53-Deficient Muscle Stem Cells Defines a Molecular Cancer Subtype. Cell stem cell, 23(6), 794.