

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 23, 2025

TopBP1 Antibody

RRID:AB_2272050

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A300-111A, RRID:AB_2272050)

Antibody Information

URL: http://antibodyregistry.org/AB_2272050

Proper Citation: (Thermo Fisher Scientific Cat# A300-111A, RRID:AB_2272050)

Target Antigen: TopBP1

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued; Applications: IP (2-5 µg/mg lysate), WB (1:2,000-1:10,000)

Antibody Name: TopBP1 Antibody

Description: This polyclonal targets TopBP1

Target Organism: mouse, human

Antibody ID: AB_2272050

Vendor: Thermo Fisher Scientific

Catalog Number: A300-111A

Record Creation Time: 20241016T221705+0000

Record Last Update: 20250416T092216+0000

Ratings and Alerts

No rating or validation information has been found for TopBP1 Antibody.

Warning: Discontinued at Thermo Fisher Scientific
Discontinued; Applications: IP (2-5 µg/mg lysate), WB (1:2,000-1:10,000)

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Alghoul E, et al. (2023) Compartmentalization of the SUMO/RNF4 pathway by SLX4 drives DNA repair. *Molecular cell*, 83(10), 1640.

Zhao J, et al. (2022) A PARYlation-phosphorylation cascade promotes TOPBP1 loading and RPA-RAD51 exchange in homologous recombination. *Molecular cell*, 82(14), 2571.

Alghoul E, et al. (2021) An optogenetic proximity labeling approach to probe the composition of inducible biomolecular condensates in cultured cells. *STAR protocols*, 2(3), 100677.

Frattoni C, et al. (2021) TopBP1 assembles nuclear condensates to switch on ATR signaling. *Molecular cell*, 81(6), 1231.

Watts LP, et al. (2020) The RIF1-long splice variant promotes G1 phase 53BP1 nuclear bodies to protect against replication stress. *eLife*, 9.

Ercilla A, et al. (2020) Physiological Tolerance to ssDNA Enables Strand Uncoupling during DNA Replication. *Cell reports*, 30(7), 2416.

Rainey MD, et al. (2020) ATR Restrains DNA Synthesis and Mitotic Catastrophe in Response to CDC7 Inhibition. *Cell reports*, 32(9), 108096.

Bigot N, et al. (2019) Phosphorylation-mediated interactions with TOPBP1 couple 53BP1 and 9-1-1 to control the G1 DNA damage checkpoint. *eLife*, 8.

Leimbacher PA, et al. (2019) MDC1 Interacts with TOPBP1 to Maintain Chromosomal Stability during Mitosis. *Molecular cell*, 74(3), 571.

Liu Y, et al. (2018) Tumor-Repopulating Cells Induce PD-1 Expression in CD8+ T Cells by Transferring Kynurenine and AhR Activation. *Cancer cell*, 33(3), 480.