

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

Nbs1 Antibody

RRID:AB_10078050

Type: Antibody

Proper Citation

Novus Cat# NB100-143, RRID:AB_10078050

Antibody Information

URL: http://antibodyregistry.org/AB_10078050

Proper Citation: Novus Cat# NB100-143, RRID:AB_10078050

Target Antigen: Nbs1

Host Organism: Rabbit

Clonality: polyclonal

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

Antibody Name: Nbs1 Antibody

Description: This polyclonal targets Nbs1

Target Organism: Human, Mammal, Mouse, Primate, Hamster

Antibody ID: AB_10078050

Vendor: Novus

Catalog Number: NB100-143

Alternative Catalog Numbers: NB100-143SS

Record Creation Time: 20250820T015233+0000

Record Last Update: 20250820T120542+0000

Ratings and Alerts

No rating or validation information has been found for Nbs1 Antibody.

No alerts have been found for Nbs1 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Peng M, et al. (2025) RAD51 is chromatin enriched and targetable in BRCA1-deficient cells. Molecular cell.

Chen Y, et al. (2024) Metabolic regulation of homologous recombination repair by MRE11 lactylation. Cell, 187(2), 294.

Mann A, et al. (2022) POL η prevents MRE11-NBS1-CtIP-dependent fork breakage in the absence of BRCA2/RAD51 by filling lagging-strand gaps. Molecular cell, 82(22), 4218.

Schuhwerk H, et al. (2022) The EMT transcription factor ZEB1 governs a fitness-promoting but vulnerable DNA replication stress response. Cell reports, 41(11), 111819.

Fitieh A, et al. (2022) BMI-1 regulates DNA end resection and homologous recombination repair. Cell reports, 38(12), 110536.

Ferrari S, et al. (2022) Choice of template delivery mitigates the genotoxic risk and adverse impact of editing in human hematopoietic stem cells. Cell stem cell, 29(10), 1428.

Sharma S, et al. (2021) MRE11-RAD50-NBS1 Complex Is Sufficient to Promote Transcription by RNA Polymerase II at Double-Strand Breaks by Melting DNA Ends. Cell reports, 34(1), 108565.

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

Lee KY, et al. (2017) ASF1a Promotes Non-homologous End Joining Repair by Facilitating Phosphorylation of MDC1 by ATM at Double-Strand Breaks. Molecular cell, 68(1), 61.