Resource Summary Report

Generated by NIF on Aug 12, 2026

RAD21-human,RAD21-mouse

RRID:AB_2176601
Type: Antibody

Proper Citation

Abcam Cat# ab992, RRID:AB_2176601

Antibody Information

URL: http://antibodyregistry.org/AB_2176601

Proper Citation: Abcam Cat# ab992, RRID:AB_2176601

Target Antigen: RAD21

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation for lot# GR106791 is available under ENCODE ID: ENCAB000BSF

Antibody Name: RAD21-human,RAD21-mouse

Description: This polyclonal targets RAD21

Target Organism: homo sapiens, mus musculus

Antibody ID: AB_2176601

Vendor: Abcam

Catalog Number: ab992

Record Creation Time: 20250820T015048+0000

Record Last Update: 20250820T120055+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: GR106791 is available under ENCODE ID: ENCAB000BSF - ENCODE

https://www.encodeproject.org/antibodies/ENCAB000BSF

No alerts have been found for RAD21-human,RAD21-mouse.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 48 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Wutz G, et al. (2026) PDS5 proteins control genome architecture by limiting the lifetime of cohesin-NIPBL complexes. Molecular cell, 86(9), 1614.

Faseela EE, et al. (2026) CTCF/cohesin-binding sites are susceptible to replication-associated DNA damage and genomic instability in cancer cells. iScience, 29(2), 114646.

Karnay A, et al. (2026) Transcription and cohesin direct domain boundary spatial positioning and are linked to Friedreich's ataxia. Molecular cell, 86(10), 1911.

Aboreden NG, et al. (2025) LDB1 establishes multi-enhancer networks to regulate gene expression. Molecular cell, 85(2), 376.

Haase J, et al. (2025) Cohesin-mediated stabilization of the CCAN complex at kinetochores in mitosis. Current biology : CB, 35(16), 3943.

Schoeberl UE, et al. (2025) Regulation of somatic hypermutation by higher-order chromatin structure. Molecular cell, 85(14), 2701.

Do C, et al. (2025) Binding domain mutations provide insight into CTCF's relationship with chromatin and its contribution to gene regulation. Cell genomics, 5(4), 100813.

Zhang M, et al. (2024) ZNF143 deletion alters enhancer/promoter looping and CTCF/cohesin geometry. Cell reports, 43(1), 113663.

Hong Y, et al. (2024) SAFB restricts contact domain boundaries associated with L1 chimeric transcription. Molecular cell, 84(9), 1637.

Liu L, et al. (2024) A negatively charged region within carboxy-terminal domain maintains proper CTCF DNA binding. iScience, 27(12), 111452.

Liu C, et al. (2024) A CTCF-binding site in the Mdm1-Il22-Ifng locus shapes cytokine expression profiles and plays a critical role in early Th1 cell fate specification. Immunity, 57(5), 1005.

Del Vecchio A, et al. (2024) PCGF6 controls murine Tuft cell differentiation via H3K9me2 modification independently of Polycomb repression. Developmental cell, 59(3), 368.

Fischer A, et al. (2024) STAG2 mutations reshape the cohesin-structured spatial chromatin architecture to drive gene regulation in acute myeloid leukemia. Cell reports, 43(8), 114498.

Zhao Y, et al. (2023) Multiscale 3D genome reorganization during skeletal muscle stem cell lineage progression and aging. Science advances, 9(7), eabo1360.

Blayney JW, et al. (2023) Super-enhancers include classical enhancers and facilitators to fully activate gene expression. Cell, 186(26), 5826.

Brookes E, et al. (2023) A novel intergenic enhancer that regulates Bdnf expression in developing cortical neurons. iScience, 26(1), 105695.

Chen LF, et al. (2023) Structural elements promote architectural stripe formation and facilitate ultra-long-range gene regulation at a human disease locus. Molecular cell, 83(9), 1446.

Costea J, et al. (2023) A de novo transcription-dependent TAD boundary underpins critical multiway interactions during antibody class switch recombination. Molecular cell, 83(5), 681.

Deforzh E, et al. (2022) Promoter and enhancer RNAs regulate chromatin reorganization and activation of miR-10b/HOXD locus, and neoplastic transformation in glioma. Molecular cell, 82(10), 1894.

Bedi YS, et al. (2022) Alcohol induced increases in sperm Histone H3 lysine 4 trimethylation correlate with increased placental CTCF occupancy and altered developmental programming. Scientific reports, 12(1), 8839.