

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

rad-51-celegans

RRID:AB_2616441

Type: Antibody

Proper Citation

SDIX Cat# 2948.00.02, RRID:AB_2616441

Antibody Information

URL: http://antibodyregistry.org/AB_2616441

Proper Citation: SDIX Cat# 2948.00.02, RRID:AB_2616441

Target Antigen: rad-51

Host Organism: rabbit

Clonality: unknown

Comments: ENCODE PROJECT External validation DATA SET is released testing lot unknown for any cell type or tissues; status is awaiting lab characterization

Antibody Name: rad-51-celegans

Description: This unknown targets rad-51

Target Organism: caenorhabditis elegans

Antibody ID: AB_2616441

Vendor: SDIX

Catalog Number: 2948.00.02

Alternative Catalog Numbers: ENCAB000WGR

Record Creation Time: 20250820T055354+0000

Record Last Update: 20250820T224521+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB000WGR - ENCODE <https://www.encodeproject.org/antibodies/ENCAB000WGR>

No alerts have been found for rad-51-celegans.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Shin N, et al. (2024) Altered gene expression linked to germline dysfunction following exposure to DEET. iScience, 27(1), 108699.

Li Q, et al. (2023) Differential requirement for BRCA1-BARD1 E3 ubiquitin ligase activity in DNA damage repair and meiosis in the Caenorhabditis elegans germ line. PLoS genetics, 19(1), e1010457.

Li Q, et al. (2022) Inducible degradation of dosage compensation protein DPY-27 facilitates isolation of Caenorhabditis elegans males for molecular and biochemical analyses. G3 (Bethesda, Md.), 12(5).

Láscarez-Lagunas LI, et al. (2022) ATM/ATR kinases link the synaptonemal complex and DNA double-strand break repair pathway choice. Current biology : CB, 32(21), 4719.

Li Q, et al. (2020) Meiotic Double-Strand Break Processing and Crossover Patterning Are Regulated in a Sex-Specific Manner by BRCA1-BARD1 in Caenorhabditis elegans. Genetics, 216(2), 359.

Altendorfer E, et al. (2020) Crossover Position Drives Chromosome Remodeling for Accurate Meiotic Chromosome Segregation. Current biology : CB, 30(7), 1329.