

This product is for research use only (not for diagnostic or therapeutic use)

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Product no AS21 4549

RAD51 | DNA repair protein RAD51 (Saccharomyces cerevisiae) (ChIP grade)

Product information

Immunogen Purified, full length, recombinant and HIS tagged RAD51 protein from Saccharomyces cerevisiae, UniProt: P25454

Host Rabbit

Clonality Polyclonal

Purity Immunogen affinity purified serum in PBS pH 7.4. Contains 50 % glycerol, filter sterilized.

Format Liquid

Quantity 100 μg

Storage Store at -20°C; make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to

opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Additional information ChIP application is described in Ribeyre and Shore 2012 while immunofluorescence is described in Muramoto et al

218.

Application information

Recommended dilution 1: 500 : 2000 (WB)

Expected | apparent

43 kDa

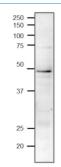
Confirmed reactivity Saccharomyces cerevisiae

Predicted reactivity Species of your interest not listed? Contact us

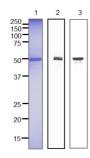
Selected references

Muramoto et al. (2018) Phenotypic diversification by enhanced genome restructuring after induction of multiple DNA double-strand breaks. Nat Commun. 2018 May 18;9(1):1995. doi: 10.1038/s41467-018-04256-y. PMID: 29777105; PMCID: PMC5959919. (IF application)

Ribevre & Shore (2012). Anticheckpoint pathways at telomeres in yeast. Nat Struct Mol Biol. 2012 Feb 12;19(3):307-13. doi: 10.1038/nsmb.2225. PMID: 22343724. (ChIP application)



Crude extract of Saccharomyces cerevisiae was separated on a 12.5 % SDS-PAGE and blotted to a PVDF membrane using wet transfer, following blocking with 5 % non-fat milk for 1 h/RT. Primary antibody was incubated at 1: 1000 for 1h/RT, followed by washes and incubation with a secondary goat anti-rabbit IgG HRP conjugated antibodies, used at 1:10 000 1h/RT. Reaction was developed using chemiluminescence following manufacture's recommendations.





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Samples: Recombinant Rad51 protein of *Saccharomyces cerevisiae*, analyzed by SDS-PAGE and visualized by Coomasie stain (1), 10 ng of recombinant Rad51 protein of *Saccharomyces cerevisiae* (2), crude extract of *Saccharomyces cerevisiae strain* BY4741 (3) were separated on a 12.5 % SDS-PAGE and blotted to a membrane using wet transfer. Primary antibody was incubated at 1: 1000, followed by washes and incubation with a secondary goat anti-rabbit IgG HRP conjugated antibodies, used at 1: 10 000 1h/RT. The reaction was developed using chemiluminescence following manufacture's recommendations.