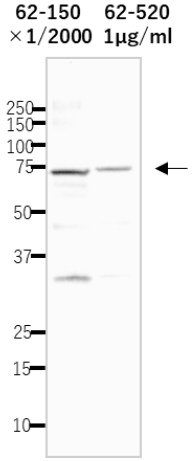
Anti-Rfa1/Rpa1 (*S. cerevisiae*) antibody, rabbit polyclonal

Product code	62-520
Size	100 µg
Storage	-20℃
Concentration	1 mg/ml
Buffer	PBS- with 50% glycerol
Purity	Purified IgG fraction with protein A from rabbit antiserum (62-150)
Immunogen	Recombinant Rfa1 protein
Isotype	Rabbit IgG
Reactivity	*S. cerevisiae* Rfa1 protein.
Special notes	Purified from rabbit antiserum (62-150)
Application	1. Western blotting (1µg/ml) 2. Immunoprecipitation (1/200 of antiserum)
Background	Rfa1 (Replication Factor A protein 1) as part of the replication protein A (RPA/RP-A), a single-stranded DNA-binding heterotrimeric complex, may play an essential role in DNA replication, recombination and repair. Binds and stabilizes single-stranded DNA intermediates, preventing complementary DNA reannealing and recruiting different proteins involved in DNA metabolism. Binds to single-stranded sequences participating in DNA replication in addition to those mediating transcriptional repression (URS1) and activation (CAR1). Stimulates the activity of a cognate strand exchange protein (SEP1). It cooperates with T-AG and DNA topoisomerase I to unwind template DNA containing the simian virus 40 origin of DNA replication. RFA encodes 621 amino acids with molecular mass of 70,348.
Data Link	UniProtKB P22336 (RFA1_YEAST), SGD S000000065 RFA1 / YAR007C
Data Images	 **Fig. Detection of endogenous Rfa1 protein in whole cell extract of *S.cerevisiae*.** The extract of strain BY4741 (20µg) was separated on SDS-PAGE 12% gel. The anti-Rfa1 antibody was used at 1/2,000 dilution (62-150 antiserum) and 1µg/ml (IgG purified). As the second antibody, HRP-conjugated goat anti-rabbit IgG (ab97051) was used at 1/10,000 dilution.
Reference	This antibody has not been used in publication.
Related product	62-150 Anti-Rfa1/Rpa1 (*S. cerevisiae*) antibody, rabbit serum

Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.

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