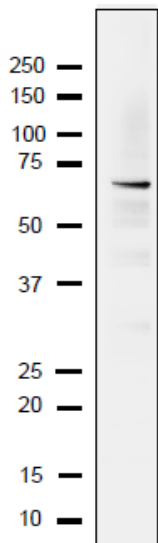


## Anti-Rfa1/Rpa1 (*S. cerevisiae*) antibody, rabbit serum

<b>Product code</b>	62-150
<b>Size</b>	100 µl
<b>Storage</b>	Store 4°C for short term For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Concentration</b>	N/A
<b>Buffer</b>	0.05% sodium azide
<b>Purity</b>	Rabbit antiserum
<b>Immunogen</b>	Recombinant Rfa1 protein
<b>Isotype</b>	Rabbit IgG
<b>Reactivity</b>	<i>S. cerevisiae</i> Rfa1 protein.
<b>Special notes</b>	N/A
<b>Application</b>	1. Western blotting (1/2,000 dilution) 2. Immunoprecipitation (1/200)
<b>Background</b>	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.
<b>Data Link</b>	UniProtKB <a href="#">P22336</a> (RFA1_YEAST), SGD <a href="#">S000000065</a> RFA1 / YAR007C
Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.	

**Data Images:** 62-150 Anti-Rfa1/Rpa1 (*S. cerevisiae*) antibody, rabbit serum



**Fig. Detection of endogenous Rfa1 protein in whole cell extract of *S.cerevisiae*.**

The extract of strain BY4741 (10 µg) was separated on SDS-PAGE 10-20% gradient gel. The anti-Rfa1 antibody was used at 1/2,000 dilution. 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.