

Anti-Rfa3/Rpa3 (S. cerevisiae) antibody, rabbit polyclonal 62-152 50 ul

Storage: Shipped at 4° C and store at -20° C.

Applications: Western blotting (1/2,000 dilution). Not tested for other applications

Reactivity: S. cerevisiae Rfa3 protein.

Immunogen: Recombinant Rfa3 protein

Antibody: Rabbit antiserum added with 0.05% sodium azide.

Background: Subunit of heterotrimeric Replication Protein A (RPA); RPA is a highly conserved single-stranded DNA binding protein complex involved in DNA replication, repair, recombination; RPA protects against inappropriate telomere recombination, and upon telomere uncapping, prevents cell proliferation by a checkpoint-independent pathway; with Sgs1p-Top2p-Rmi1p, stimulates DNA catenation/decatenation activity of Top3p; protein abundance increases in response to DNA replication stress

RFA3 encodes 122 amino acids with molecular mass of 13,816

Data Link: UniProtKB P26755 (RFA3_YEAST), SGD RFA3/overview RFA3/YJL173C

Reference: This antibody has not been used in publication.

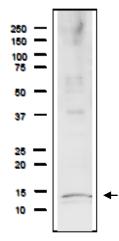


Fig. Detection of endogenous Rfa3 protein in whole cell extract of S.cerevisiae.

The extract of strain BY4741 (20 μ g) 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. Molecular mass is 13.8 kDa