Anti-RPC19 (*S. cerevisiae*) antibody, rabbit serum

Product code	62-035
Size	100 µl
Storage	Store at 4℃ for short term. For long term storage store at -20℃. Aliquot to avoid repeated freezing and thawing.
Concentration	N/A
Buffer	0.09% sodium azide
Purity	Rabbit antiserum
Immunogen	Recombinant GST-RPC19 fusion protein
Isotype	Rabbit IgG
Reactivity	*S. cerevisiae* RPC19 protein Not tested with other species.
Special notes	N/A
Application	1. Western blotting (1/1,000 dilution) 2. ELISA
Background	DNA-dependent RNA polymerases catalyze the transcription of DNA into RNA four ribonucleoside triphosphates as substrates. Common core componer polymerases I and III which synthesize ribosomal RNA precursors and small RN 5S rRNA and tRNAs, respectively. From the sequence data, RPC19 consists of 142 amino acids with molecular mass of 16,151 Da.
Data Link	UniProt P28000 DNA-directed RNA polymerases I and III subunit RPAC2

Data Images: 62-035 Anti-RPC19 (*S. cerevisiae*) antibody, rabbit serum

BioAcademia,Inc. Tel. 81-6-6877-2335 Fax. 81-6-6877-2336 info@bioacademia.co.jp https://www.bioacademia.co.jp/en/

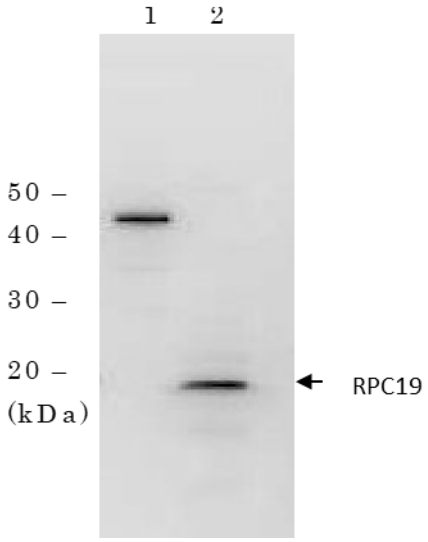

Fig.1 Identification of RPC19 protein in crude extract of *S. cerevisiae* by western blotting with anti-scRPC antibody.

Sample in lane 1 is recombinant GST-RPC19 protein (10 ng) and sample in lane 2 is crude extract of S. cerevisiae strain BY4741 (50 µg).

The antibody was used at 1/1,000 dilution.

References: This antibody was described and used in the following publication.

1. Todaka Y. et al. Association of the GTP-Binding Protein Gtr1p with Rpc19p, a Shared Subunit of RNA Polymerase I and III in yeast *Saccharomyces cerevisiae.* Genetics. 2005 Aug;170(4):1515-24. Epub 2005 Jun 3.

BioAcademia,Inc. Tel. 81-6-6877-2335 Fax. 81-6-6877-2336 info@bioacademia.co.jp https://www.bioacademia.co.jp/en/