

Anti-RPC19 Antibody, Rabbit Polyclonal

62-035 100 µl

DNA-dependent RNA polymerases catalyze the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. The common core component of RNA polymerases I and III, synthesize ribosomal RNA precursors and small RNAs, such as 5S rRNA and tRNAs, respectively. From the sequence data, RPC19 consists of 142 amino acids with molecular mass of 16,151 Da.

Applications

1. Western blot (1/1,000 dilution)
2. ELISA

Specification

Immunogen: Recombinant GST-RPC19 fusion protein

Reactivity: *S. cerevisiae* RPC protein. Not tested in other species.

Form: Whole antiserum added with 0.09 % sodium azide

Storage: Shipped at 4°C or at -20°C. Upon arrival, spin-down and store at -20°C.

Data Link: UniProt P28000 DNA-directed RNA polymerases I and III subunit RPAC2

Reference: 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) 170: 1515–1524.

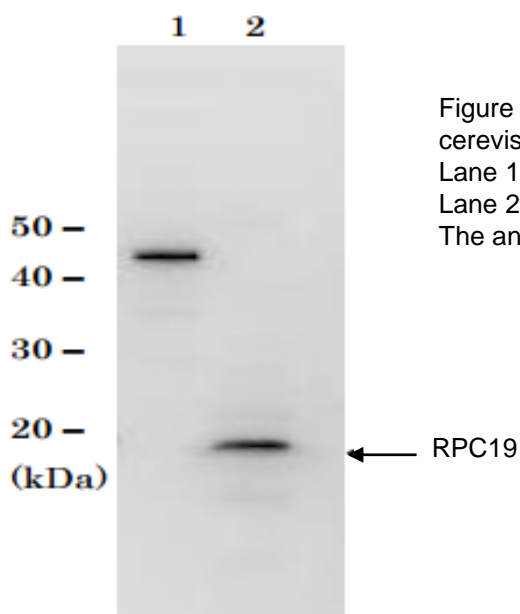


Figure 1. Identification of RPC19 protein in crude extract of *S. cerevisiae* by Western Blot with anti-scRPC antibody. Lane 1: recombinant GST-RPC19 protein (10 ng) Lane 2: crude extract of *S. cerevisiae* strain BY4741 (50 µg). The antibody was used at 1/1,000 dilution