

**Product Name: RPC10 Rabbit Polyclonal Antibody**  
**Catalog #: APRab17353**



## Summary

<b>Production Name</b>	RPC10 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	POLR3K RPC11 My010
<b>Alternative Names</b>	
<b>Gene ID</b>	51728.0
<b>SwissProt ID</b>	Q9Y2Y1.Synthesized peptide derived from part region of human protein AA range: 51-100

## Application

<b>Dilution Ratio</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Molecular Weight</b>	11kD

## Background

This gene encodes a small essential subunit of RNA polymerase III, the polymerase responsible for synthesizing transfer

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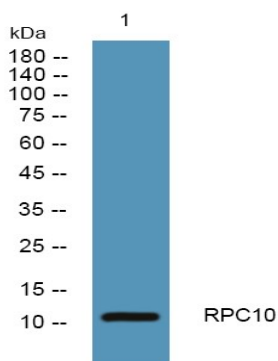


and small ribosomal RNAs in eukaryotes. The carboxy-terminal domain of this subunit shares a high degree of sequence similarity to the carboxy-terminal domain of an RNA polymerase II elongation factor. This similarity in sequence is supported by functional studies showing that this subunit is required for proper pausing and termination during transcription. Pseudogenes of this gene are found on chromosomes 13 and 17.[provided by RefSeq, Jul 2010],function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs.,similarity:Belongs to the archaeal rpoM/eukaryotic RPA12/RPB9/RPC11 RNA polymerase family.,similarity:Contains 1 TFIIIS-type zinc finger.,subunit:Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits.,

## Research Area

Purine metabolism;Pyrimidine metabolism;RNA polymerase;Cytosolic DNA-sensing pathway;

## Image Data



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4°over night

## Note

For research use only.