

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

Catalog #: APRab17353

For research use only.

## **Summary**

**Description** Rabbit polyclonal Antibody

Host Rabbit
Application WB,ELISA

Reactivity Human, Mouse
Conjugation Unconjugated
Modification Unmodified

**Isotype** IgG

Clonality Polyclonal
Form Liquid
Concentration 1mg/ml

**Storage** Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.

Shipping Ice bags

Buffer Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.

**Purification** Affinity purification

## **Application**

**Dilution Ratio** WB 1:500-1:2000,ELISA 1:5000-1:20000

Molecular Weight 11kDa

# **Antigen Information**

Gene Name POLR3K RPC11 My010

**Alternative Names** 

 Gene ID
 51728.0

 SwissProt ID
 Q9Y2Y1

**Immunogen** Synthesized peptide derived from part region of human protein AA range: 51-100

## **Background**

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

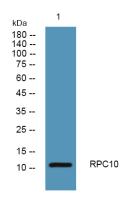


functional studies showing that this subunit is required for proper pausing and termination during transcription. Pseudogenes of this gene are found on chromosomes 13 and 17.[provided by RefSeq, Jul 2010],function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four 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 TFIIS-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, RPC10 Rabbit Polyclonal Antibody was diluted at 1:1000, 4°over night

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