

For Research Use Only

# POLR2G Polyclonal antibody

Catalog Number: 18497-1-AP



## Basic Information

**Catalog Number:**

18497-1-AP

**Size:**

150ul , Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG13338

**GenBank Accession Number:**

BC112164

**GeneID (NCBI):**

5436

**UNIPROT ID:**

P62487

**Full Name:**

polymerase (RNA) II (DNA directed)  
polypeptide G

**Calculated MW:**

172 aa, 19 kDa

**Observed MW:**

20-25 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:12000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : A431 cells, A375 cells, Jurkat cells, HepG2 cells

## Background Information

POLR2G (DNA- directed RNA polymerase II subunit G), also known as hRPB19, hsRPB7 and RPB7, is the seventh largest subunit of RNA polymerase II. POLR2G functions in transcription initiation, and is also thought to help stabilize transcribing polymerase molecules during elongation.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18497-1-AP (POLR2G antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.