

For Research Use Only

# POLR2G Polyclonal antibody

Catalog Number: 18497-1-AP



## Basic Information

<b>Catalog Number:</b> 18497-1-AP	<b>GenBank Accession Number:</b> BC112164	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5436	<b>Recommended Dilutions:</b> WB 1:2000-1:12000
<b>Source:</b> Rabbit	<b>Full Name:</b> polymerase (RNA) II (DNA directed) polypeptide G	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 172 aa, 19 kDa	
<b>Immunogen Catalog Number:</b> AG13338	<b>Observed MW:</b> 20-25 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A431 cells, A375 cells, Jurkat cells, HepG2 cells
<b>Species Specificity:</b> human, mouse, rat	

## 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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.