

For Research Use Only

# POLR2I Polyclonal antibody, PBS Only

Catalog Number: 17270-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

17270-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG11027

**GenBank Accession Number:**

BC017112

**GeneID (NCBI):**

5438

**UNIPROT ID:**

P36954

**Full Name:**

polymerase (RNA) II (DNA directed)

polypeptide I, 14.5kDa

**Calculated MW:**

125 aa, 15 kDa

**Observed MW:**

15 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

POLR2I, also known as RPB9 or hRPB14.5, is a small core subunit of RNA polymerase II involved in DNA repair and many transcription-related processes (PMID: 21450810). It is expressed in many tissues and may play a key role in the pathological process of hypertensive nephropathy (PMID: 34422001).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

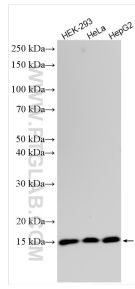
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

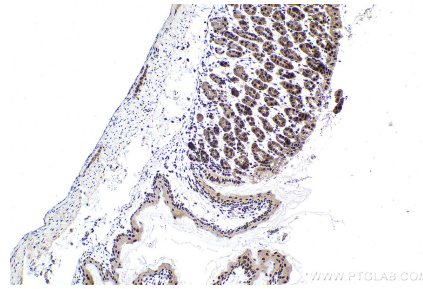
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

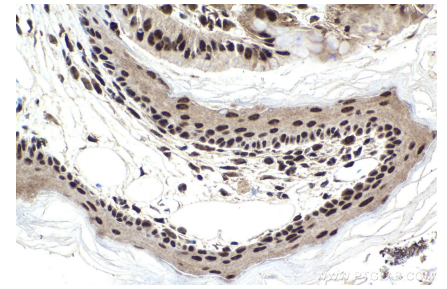
## Selected Validation Data



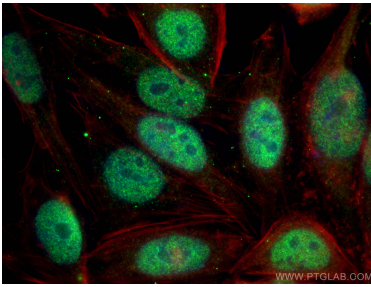
Various lysates were subjected to SDS PAGE followed by western blot with 17270-1-AP (POLR2I antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17270-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 17270-1-AP (POLR2I antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17270-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 17270-1-AP (POLR2I antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17270-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using POLR2I antibody (17270-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red). This data was developed using the same antibody clone with 17270-1-PBS in a different storage buffer formulation.