

For Research Use Only

POLR2I Polyclonal antibody, PBS Only

Catalog Number: 17270-1-PBS

Featured Product



Basic Information

Catalog Number:

17270-1-PBS

Concentration:

1 mg/ml

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

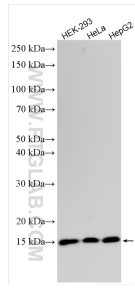
T: 4006900926

E: Proteintech-CN@ptglab.com

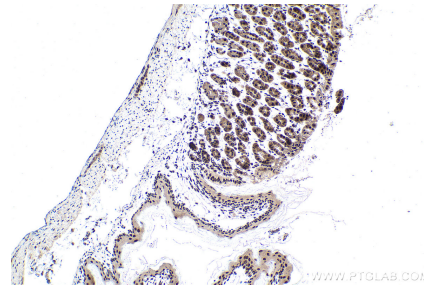
W: ptgcn.com

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

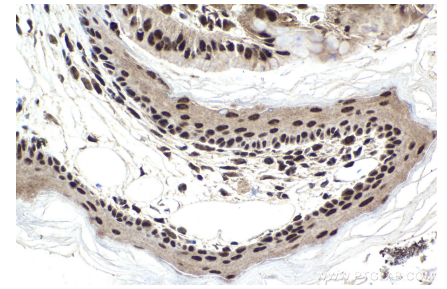
Selected Validation Data



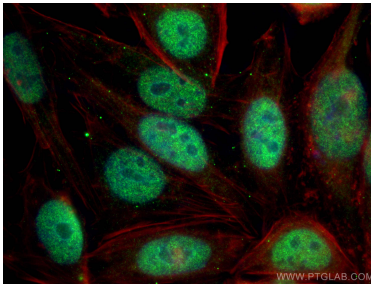
Various lysates were subjected to SDS PAGE followed by western blot with 17270-1-AP (POLR2I antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17270-1-PBS in a different storage buffer formulation.



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.