

For Research Use Only

# POLR2J Polyclonal antibody

Catalog Number: 16403-1-AP

Featured Product

4 Publications



## Basic Information

**Catalog Number:**

16403-1-AP

**Size:**

147 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG9520

**GenBank Accession Number:**

BC024165

**GeneID (NCBI):**

5439

**UNIPROT ID:**

P52435

**Full Name:**

polymerase (RNA) II (DNA directed)  
polypeptide J, 13.3kDa

**Calculated MW:**

115 aa, 13 kDa

**Observed MW:**

13 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

IP 0.5-4.0 µg for 1.0-3.0 mg of total  
protein lysate

IHC 1:20-1:200

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

mouse

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

**Positive Controls:**

**WB:** A549 cells, human brain tissue, HeLa cells, MCF-7  
cells

**IP:** A549 cells,

**IHC:** human heart tissue,

**IF:** A549 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yuanjun Li	36113479	Mol Cell	WB
Yongpeng Jiang	36443871	Genome Biol	
Fei Ke	34991685	Cell Biosci	WB

## 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

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

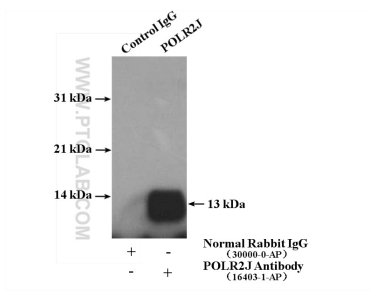
T: 4006900926

E: Proteintech-CN@ptglab.com

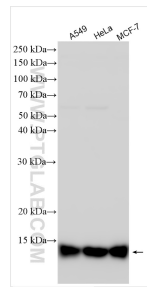
W: ptgcn.com

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

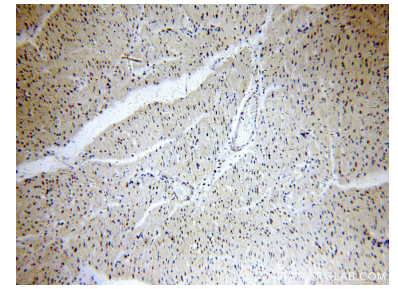
## Selected Validation Data



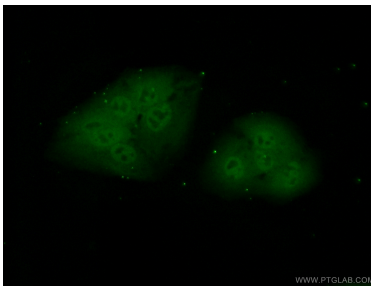
IP result of anti-POLR2J (IP:16403-1-AP, 4ug; Detection:16403-1-AP 1:500) with A549 cells lysate 2600 ug.



Various lysates were subjected to SDS PAGE followed by western blot with 16403-1-AP (POLR2J antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 16403-1-AP (POLR2J antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed A549 cells using 16403-1-AP (POLR2J antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).