

For Research Use Only

# POLR2J Polyclonal antibody

Catalog Number: 16403-1-AP

Featured Product

4 Publications



## Basic Information

### Catalog Number:

16403-1-AP

### Size:

150ul, Concentration: 147 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG9520

### GenBank Accession Number:

BC024165

### GeneID (NCBI):

5439

### 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 1:500-1:1000

IP 0.5-4.0 µg for IP and 1:500-1:1000

for WB

IHC 1:20-1:200

IF 1:50-1:500

## Applications

### Tested Applications:

IF, 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, HeLa cells, human brain tissue

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

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

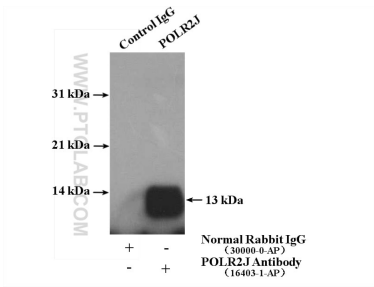
For technical support and original validation data for this product please contact:

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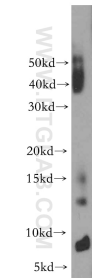
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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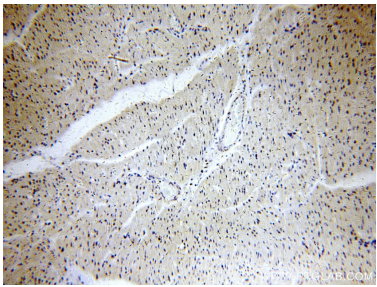
## Selected Validation Data



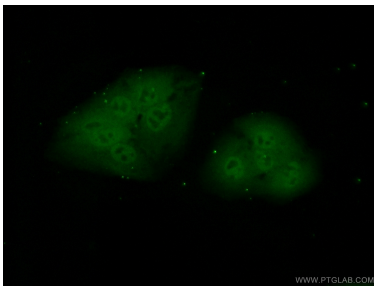
IP result of anti-POLR2J (IP:16403-1-AP, 4ug; Detection:16403-1-AP 1:500) with A549 cells lysate 2600 ug.



A549 cells were subjected to SDS PAGE followed by western blot with 16403-1-AP (POLR2J) antibody) at dilution of 1:800 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).