

For Research Use Only

# POLR2J Polyclonal antibody

Catalog Number: 16403-1-AP

Featured Product

5 Publications



## Basic Information

Catalog Number:

16403-1-AP

Concentration:

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/ICC: 1:50-1:500

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, 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/ICC : 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

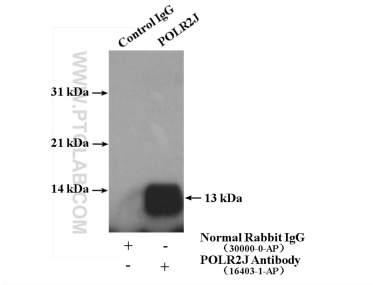
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

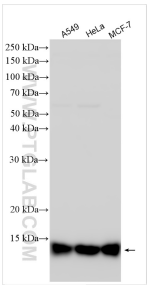
W: [ptgcn.com](http://ptgcn.com)

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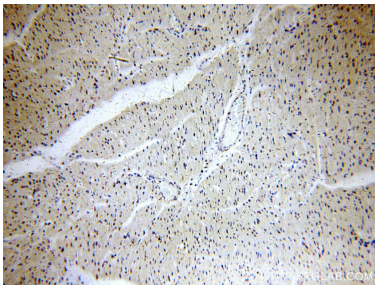
Selected Validation Data



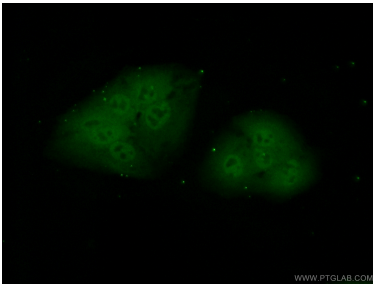
IP result of anti-POLR2J (IP:16403-1-AP, 4ug; Detection:16403-1-AP 1:500) with A549 cells lysate 2600 ug.



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 Goat Anti-Rabbit IgG(H+L).