

For Research Use Only

# JAK2 Polyclonal ANTIBODY



Catalog Number: 17670-1-AP

Featured Product

14 Publications

## Basic Information

Catalog Number:  
17670-1-AP

Size:  
51 µg/150 µl

Source:  
Rabbit

Isotype:  
IgG

Purification Method:  
Antigen affinity purification

Immunogen Catalog Number:  
AG11264

GenBank Accession Number:  
BC039695

GeneID (NCBI):  
3717

Full Name:  
Janus kinase 2 (a protein tyrosine kinase)

Calculated MW:  
1132aa, 130 kDa

Observed MW:  
150 kDa

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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

Positive Controls:

WB : Jurkat cells; NIH/3T3 cells

IP : Jurkat cells;

IHC : human kidney tissue; human breast cancer tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Shaofang Chen	28944901	Mol Med Rep	WB
Yanlin Song	28880428	Cell Biol Int	WB
Jing Xiao	28490530	Am J Physiol Renal Physiol	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

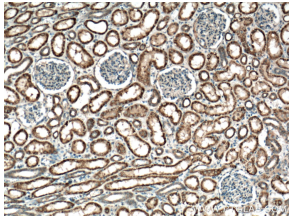
For technical support and original validation data for this product please contact:

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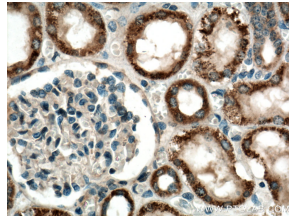
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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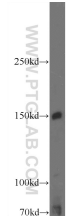
Selected Validation Data



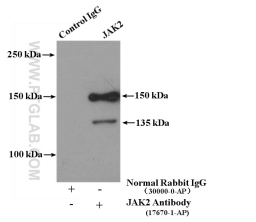
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17670-1-AP (JAK2 antibody) at dilution of 1:200 (under 10x lens) heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17670-1-AP (JAK2 antibody) at dilution of 1:200 (under 40x lens) heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Jurkat cells were subjected to SDS PAGE followed by western blot with 17670-1-AP (JAK2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours



IP Result of anti-JAK2 (IP:17670-1-AP, 4ug; Detection:17670-1-AP 1:300) with Jurkat cells lysate 3800ug.