**JAK2 Polyclonal ANTIBODY**

**Catalog Number:** 17670-1-AP

**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)

**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, rat

**Background Information**

**Notable Publications**

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<th>Author</th>
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<tr>
<td>Shaofang Chen</td>
<td>28944601</td>
<td>Mini Med Rep</td>
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<td>Yanlin Song</td>
<td>28899428</td>
<td>Cell Biol Int</td>
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<tr>
<td>Jing Xiao</td>
<td>28400030</td>
<td>Am J Physiol Renal Physiol</td>
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**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:

- T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1 (312) 455-8498 (outside USA)
- E: proteintech@ptglab.com
- W: ptglab.com

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

Immunohistochemistry 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 (pH 9).

Immunohistochemistry 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 (pH 9).

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.