**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

**Applications**

- **Tested Applications:** ELISA, IP, WB
- **Cited Applications:** WB
- **Species Specificity:** human, mouse, rat
- **Cited Species:** human

**Background Information**

**Notable Publications**

<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yanlin Song</td>
<td>26990428</td>
<td>Cell Biol Int</td>
<td>WB</td>
</tr>
<tr>
<td>Jing Xiao</td>
<td>28490530</td>
<td>Am J Physiol Renal Physiol</td>
<td>WB</td>
</tr>
<tr>
<td>Chia-Hao Huang</td>
<td>27377153</td>
<td>Lab Chip</td>
<td>WB</td>
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</table>

**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

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**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

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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**
Jurkat cells were subjected to SDS-PAGE followed by western blot with 17670-1-AP JAK2 Antibody (1:600) incubated at room temperature for 1.5 hours.