**DNAI2 Polyclonal ANTIBODY**

**Catalog Number:** 17533-1-AP  
**2 Publications**

### Basic Information

**Catalog Number:** 17533-1-AP  
**Size:** 26 μg/150 μl  
**Source:** Rabbit  
**Isotype:** IgG  
**Purification Method:** Antigen affinity purification  
**Immunogen Catalog Number:** AG11585

**GeneBank Accession Number:** BC039582  
**GeneID (NCBI):** 64446  
**Full Name:** dynein, axonemal, intermediate chain-2  
**Calculated MW:** 593aa, 67 kDa  
**Observed MW:** 70 kDa

### Applications

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

### Positive Controls:
- **WB:** mouse lung tissue, HeLa cells, mouse ovary tissue
- **IP:** mouse lung tissue
- **IHC:** human heart tissue

### 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>Girish R Mali</td>
<td>29916806</td>
<td>Elife</td>
<td>WB, IF, IP</td>
</tr>
<tr>
<td>Zhang Yong Y</td>
<td>21162329</td>
<td>J Mol Cell Biol</td>
<td>IF</td>
</tr>
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</table>

### Storage

- **Store at:** -20°C. Stable for one year after shipment.  
- **Storage Buffer:** PBS with 0.05% 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:  
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.

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T: 1(888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 405-8498 (outside USA)

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mouse lung tissue were subjected to SDS PAGE followed by western blot with 17533-1-AP (DNAI2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.

Immunohistochemical of paraffin-embedded human heart using 17533-1-AP (DNAI2 antibody) at dilution of 1:50 (under 10x lens).

IP Result of anti-DNAI2 (IP: 17533-1-AP, 4ug; Detection: 17533-1-AP 1:400) with mouse lung tissue lysate 4000ug.