PPAN Polyclonal ANTIBODY

Catalog Number: 11006-1-AP

Basic Information

- **Catalog Number:** 11006-1-AP
- **Size:** mg/ml
- **Source:** Rabbit
- **Isotype:** IgG
- **Purification Method:** Antigen affinity purification
- **Immunogen Catalog Number:** AG1419
- **GenBank Accession Number:** BC009833
- **GeneID (NCBI):** 56342
- **Full Name:** peter pan homolog (Drosophila)
- **Calculated MW:** 53 kDa
- **Observed MW:** 55-58 kDa
- **Recommended Dilutions:**
  - WB: 1:500-1:1000
  - IHC: 1:20-1:200
  - IF: 1:20-1:200

Applications

- **Tested Applications:** IF, IHC, WB, ELISA
- **Cited Applications:** IF, IHC, IP, WB
- **Species Specificity:** human, mouse, rat
- **Cited Species:** human, mouse, xenopus
- **Positive Controls:**
  - WB: mouse heart tissue; rat heart tissue
  - IHC: human lymphoma tissue;
  - IF: MCF-7 cells

Background Information

PPAN (or SSF, SSF1 or SSF2) gene is widely expressed, and encodes peter pan homolog protein which may be localized in nucleus. Two isoforms are produced through alternative splicing. So far the characterization of this protein is largely unknown, multiple phosphorylation sites has been revealed based on high-throughput phosphorylation analysis. This antibody is raised against the C-terminal of human PPAN and recognize bands around 55 kDa.

Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tecza Aleksandra A</td>
<td>21770895</td>
<td>Biol Cell</td>
<td>WB, IHC</td>
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<tr>
<td>Astrid S Pfister</td>
<td>25759387</td>
<td>J Biol Chem</td>
<td>WB, IF</td>
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<tr>
<td>Bugner Verena V</td>
<td>21558383</td>
<td>Development</td>
<td>WB, IF, JP</td>
</tr>
</tbody>
</table>

Storage

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

Mouse heart tissue were subjected to SDS PAGE followed by western blot with 11006-1-AP (PPAN antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.

Immunohistochemical of paraffin-embedded human lymphoma using 11006-1-AP (PPAN antibody) at dilution of 1:50 (under 10x lens).

Immunofluorescent analysis of MCF-7 cells, using 11006-1-AP and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).