**For Research Use Only**

**FGL1 Polyclonal ANTIBODY**

*Catalog Number: 16000-1-AP*

### Basic Information

<table>
<thead>
<tr>
<th>Catalog Number:</th>
<th>GenBank Accession Number:</th>
</tr>
</thead>
<tbody>
<tr>
<td>16000-1-AP</td>
<td>BC007047</td>
</tr>
</tbody>
</table>

**Size:** 29 μg/150 μl

**Source:** Rabbit

**Isotype:** IgG

**Purification Method:** Antigen affinity purification

**Immunogen Catalog Number:** AG8581

**GeneBank Accession Number:** BC007047

**GeneID (NCBI):** 2267

**Observed MW:** 34 kDa, 68 kDa

**Recommended Dilutions:**
- **WB:** 1:500-1:1000
- **IP:** 0.5-4.0 μg for IP and 1:500-1:1000 for WB
- **IHC:** 1:20-1:200

### Applications

**Tested Applications:** IHC, IP, WB, ELISA

**Cited Applications:** WB

**Species Specificity:** human, mouse

**Cited Species:** human, mouse

**Note:** suggested antigen retrieval with TE buffer pH 9.5; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

### Background Information

FGL1 is a 68 kDa protein that comprises two disulfide linked 34 kDa homodimers. FGL1 is a predominantly liver expressed protein that has been implicated as both a hepatoprotectant and a hepatocyte mitogen. FGL1 expression is decreased in hepatocellular carcinoma (HCC), and it may play a role in the development of hepatocellular carcinomas.

### Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hung-Tsung Wu</td>
<td>27221093</td>
<td>Diabetologia</td>
<td>WB</td>
</tr>
<tr>
<td>Kai-Pi Cheng</td>
<td>30400069</td>
<td>Lipids</td>
<td>WB</td>
</tr>
</tbody>
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### Storage

**Storage:**
- Store at -20°C. Stable for one year after shipment.
- Storage Buffer: PBS with 0.02% 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) 405-8498 (outside USA)
- **E:** proteintech@ptglab.com
- **W:** ptglab.com

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human liver tissue were subjected to SDS-PAGE followed by western blot with 16000-1-AP (FGL1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.


Immunohistochemical of paraffin-embedded human liver using 16000-1-AP (FGL1 antibody) at dilution of 1:100 (under 10x lens)

Immunohistochemical of paraffin-embedded human liver using 16000-1-AP (FGL1 antibody) at dilution of 1:100 (under 40x lens)