**TIMP1**

**Polyclonal ANTIBODY**

Catalog Number: 16644-1-AP

4 Publications

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### Basic Information

- **Catalog Number:** 16644-1-AP
- **Size:** 37 μg/150 μl
- **Source:** Rabbit
- **Isotype:** IgG
- **Purification Method:** Antigen affinity purification
- **Immunogen Catalog Number:** AG10006

- **GenBank Accession Number:** BC000690
- **GeneID:** 7076
- **Full Name:** TIMP-metallopeptidase inhibitor 1
- **Calculated MW:** 23 kDa
- **Observed MW:** 23 kDa

### Applications

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

### Recommended Dilutions:

- **WB:** 1:500-1:1000
- **IHC:** 1:20-1:200
- **IF:** 1:20-1:200

### Background Information

- **Notable Publications**

<table>
<thead>
<tr>
<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
<th>Application</th>
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<tbody>
<tr>
<td>Cheng-Chieh Fang</td>
<td>30217066</td>
<td>Sci Rep</td>
<td>IHC</td>
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<tr>
<td>Xiao-Xiao He</td>
<td>30216295</td>
<td>Biochem Biophys Res Commun</td>
<td>WB</td>
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<tr>
<td>Ding-Qian Wu</td>
<td>25698247</td>
<td>BMC Complement. Allum Med</td>
<td>WB</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**

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For technical support and original validation data for this product please contact:
- T: 1 (888) 4PTGLAB (toll free in USA), or 1(312) 495-8498 (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.
BGC-823 cells were subjected to SDS PAGE followed by western blot with 16644-1-AP (TIMP1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.

Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 16644-1-AP (TIMP1 Antibody) at dilution of 1:50 (under 10x lens).

Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 16644-1-AP (TIMP1 Antibody) at dilution of 1:50 (under 40x lens).

Immunofluorescent analysis of HepG2 cells using 16644-1-AP (TIMP1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L)