**FADD**

**Polyclonal ANTIBODY**

**Catalog Number:** 14906-1-AP  
**7 Publications**

### Basic Information

- **Catalog Number:** 14906-1-AP
- **Size:** 20 μg/150 μl
- **Source:** Rabbit
- **Isotype:** IgG
- **Purification Method:** Antigen affinity purification
- **Immunogen Catalog Number:** AG6701

**Full Name:** Fas (TNFRSF6)-associated via death domain

**Calculated MW:** 23 kDa

**Observed MW:** 23-30 kDa

### Applications

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

**Cited Applications:** IHC, WB

**Species Specificity:** human, mouse, rat, sheep

**Note:** suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

### Background Information

Fas-Associated protein with Death Domain (FADD), also called MORT1 or GIG3, is encoded by the FADD gene. FADD is an adaptor protein that bridges members of the tumor necrosis factor receptor superfamily, such as the Fas-receptor, to procaspases 8 and 10 to form the death inducing signaling complex (DISC) during apoptosis. As well as its most well known role in apoptosis, FADD has also been seen to play a role in other processes including proliferation, cell cycle regulation and development. FADD has a calculated molecular mass of 23 kDa and always can be detected as 23-30 kDa (PMID: 15390286, 22864571, 17977957)

### 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>Xiaoye Liu</td>
<td>27762484</td>
<td>Cell Microbiol</td>
<td>WB</td>
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<tr>
<td>Wentao An</td>
<td>31048769</td>
<td>J Exp Clin Cancer Res</td>
<td>WB</td>
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<tr>
<td>Zhongia Jiang</td>
<td>20367270</td>
<td>Oxid Med Cell Longev</td>
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### Storage

**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**

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**For technical support and original validation data for this product please contact:**

- **T:** (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or (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.**
Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 14906-1-AP (FADD antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human lung cancer using 14906-1-AP (FADD antibody) at dilution of 1:50 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human lung cancer using 14906-1-AP (FADD antibody) at dilution of 1:50 (under 40x lens).

IP Result of anti-FADD (IP: 14906-1-AP, 4ug; Detection: 14906-1-AP 1:300) with A549 cells lysate 3040ug.

Immunofluorescent analysis of (-20° Ethanol) fixed HT-1080 cells using 14906-1-AP (FADD antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).