**FKBP5 Polyclonal ANTIBODY**

**Catalog Number:** 14155-1-AP  
**Featured Product**  
**6 Publications**

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### Basic Information

- **Catalog Number:** 14155-1-AP
- **GenBank Accession Number:** BC042605
- **GeneID (NCBI):** 2289
- **Recommended Dilutions:**
  - WB: 1:1000-1:1000
  - IP: 0.5-4.0 μg for IP and 1:1000-1:1000 for WB
  - IHC: 1:20-1:200

#### Size:
39 μg/150 μl

#### Source:
Rabbit

#### Isotype:
IgG

#### Purification Method:
Antigen affinity purification

#### Immunogen Catalog Number:
AG5337

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### Applications

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

#### Species Specificity:
human, mouse, rat

#### Cited Species:
human, mouse, rat

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

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### Background Information

FKBP5 (Peptidyl-prolyl cis-trans isomerase FKBP5) interacts with functionally mature heterooligomeric progesterone receptor complexes along with HSP90 and TEBP. Unlike the predominant T-cell expression of the mouse protein, FKBP5 is expressed as a 51-kD protein in a variety of tissues but not in brain, colon, or lung (PMID: 9125197).

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### Notable Publications

<table>
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<tr>
<th>Author</th>
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<th>Journal</th>
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<tbody>
<tr>
<td>Kun Huang</td>
<td>30476159</td>
<td>Brain Res Bull</td>
<td>WB</td>
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<tr>
<td>Kuntian Luo</td>
<td>28303942</td>
<td>EMBO J</td>
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<td>Anna Kurek</td>
<td>29524254</td>
<td>J Neuroendocrinol</td>
<td>WB</td>
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### 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:

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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.
K-562 cells were subjected to SDS PAGE followed by western blot with 14155-1-AP (FKBP5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunohistochemical of paraffin-embedded human colon cancer using 14155-1-AP (FKBP5 antibody) at dilution of 1:50 (under 10x lens).

Immunohistochemical of paraffin-embedded human colon cancer using 14155-1-AP (FKBP5 antibody) at dilution of 1:50 (under 40x lens).

IP Result of anti-FKBP5 (IP: 14155-1-AP, 3μg; Detection: 14155-1-AP 1:1000) with K-562 cells lysate 1500μg.