# MED15 Polyclonal ANTIBODY

**Catalog Number:** 11566-1-AP

## Basic Information

<table>
<thead>
<tr>
<th>Catalog Number:</th>
<th>GenBank Accession Number:</th>
</tr>
</thead>
<tbody>
<tr>
<td>11566-1-AP</td>
<td>BCO17110</td>
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</tbody>
</table>

**Size:** 20 μg/150 μl

**Source:** Rabbit

**Isotype:** IgG

**Purification Method:** Antigen affinity purification

**Immunogen Catalog Number:** AG2143

**GenBank Accession Number:**
- GenO (NCBI): 51596
- Full Name: mediator complex subunit 15
- Calculated MW: 788aa, 87 kDa
- Observed MW: 105 kDa

## Applications

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

**Cited Applications:** ChIP, IF, IHC, WB

**Species Specificity:** human

**Cited Species:** human, mouse

## Recommended Dilutions:

- **WB:** 1:500-1:2000
- **IP:** 0.5-4.0 μg for IP and 1:100-1:1000 for WB
- **IHC:** 1:20-1:200
- **IF:** 1:20-1:200

## Background Information

MED15, also named as TIG1, CAG7A, CTG7A, PCQAP, TIG-1, TNRC7 and ARC105, is a subunit of the multiprotein complexes PC2 and ARC/DRIP and may function as a transcriptional coactivator in RNA polymerase II transcription. It contains stretches of trinucleotide repeats and is located in the chromosome 22 region which is deleted in DiGeorge syndrome. MED15 is recruited to promoters by direct interaction with gene-specific regulatory proteins. It is about 105kd in SDS-page.

## Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Takuya Nakatsubo</td>
<td>25382595</td>
<td><strong>Drug Discov Ther</strong></td>
<td>WB, IF</td>
</tr>
<tr>
<td>Mitsuaki Kumafuji</td>
<td>24940524</td>
<td><strong>Genes Cells</strong></td>
<td>ChIP</td>
</tr>
<tr>
<td>Isabella Syring</td>
<td>30127891</td>
<td><strong>Oncol Lett</strong></td>
<td>WB, IHC</td>
</tr>
</tbody>
</table>

## Storage

**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: (888) 4PTGLAB (toll free in USA), or (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.**
K-562 cells were subjected to SDS PAGE followed by western blot with 11566-1-AP (MED15 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

Immunohistochemical of paraffin-embedded human prostate cancer using 11566-1-AP (MED15 antibody) at dilution of 1:100 (under 10x lens).


Immunofluorescent analysis of SH-SY5Y cells using 11566-1-AP (MED15 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (488-H14).