

For Research Use Only

# TRAPPC12 Polyclonal antibody

Catalog Number: 24555-1-AP

Featured Product



## Basic Information

**Catalog Number:**

24555-1-AP

**Concentration:**

350 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG18332

**GenBank Accession Number:**

BC014164

**GeneID (NCBI):**

51112

**UNIPROT ID:**

Q8WVT3

**Full Name:**

tetratricopeptide repeat domain 15

**Calculated MW:**

735 aa, 79 kDa

**Observed MW:**

98 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

WB, IP, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : K-562 cells,

IP : K-562 cells,

## Background Information

TRAPPC12, also called CGI-87, TTC15 and TRAMM, has been recently identified as subunit of TRAPP complex in two independent proteomic studies. It was suggested that TRAPPC12 was a subunit of TRAPPIII. TRAPPC12 and TECPR1 acted at distinct steps in autophagy and depletion of TRAPPC12 and/or TECPR1 increased in the number of autophagosomes and increase autophagic flux. The observed molecular weight of TRAPPC12 is 98 kDa, which is consistent with what has been described in the literature (PMID: 28240221, PMID: 38439956).

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

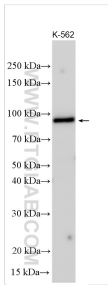
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

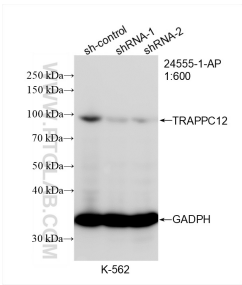
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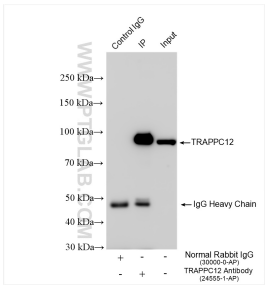
Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 24555-1-AP (TRAPPC12 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of TRAPPC12 antibody (24555-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-TRAPPC12 transfected K-562 cells.



IP result of anti-TRAPPC12 (IP:24555-1-AP, 4ug; Detection:24555-1-AP 1:500) with K-562 cells lysate 1720 ug.