

For Research Use Only

# RPP25 Polyclonal antibody

Catalog Number: 15461-1-AP

1 Publications



## Basic Information

**Catalog Number:**

15461-1-AP

**Size:**

150ul , Concentration: 350 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG7742

**GenBank Accession Number:**

BC002497

**GeneID (NCBI):**

54913

**UNIPROT ID:**

Q9BUL9

**Full Name:**

ribonuclease P/MRP 25kDa subunit

**Calculated MW:**

21 kDa

**Observed MW:**

25 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:200-1:1000

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

IHC 1:20-1:200

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human

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

**Positive Controls:**

WB : HeLa cells, MCF-7 cells

IP : HeLa cells,

IHC : human small intestine tissue, human cervical cancer tissue

IF/ICC : HeLa cells,

## Background Information

Ribonuclease P protein subunit p25(RPP25) is a component of ribonuclease P, which is a protein complex that generates mature tRNA molecular by cleaving their 5'-ends. It belongs to histone-like Alba family, also a component of RNase MRP. This subunit binds to RNA.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ok Hyun Park	30930054	Mol Cell	WB

## Storage

**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

\*\*\* 20ul sizes contain 0.1% BSA

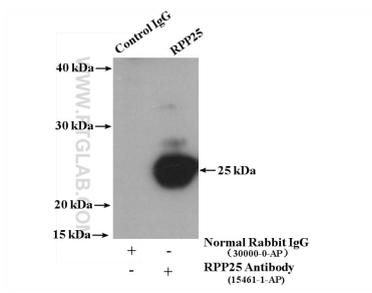
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

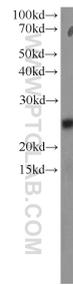
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

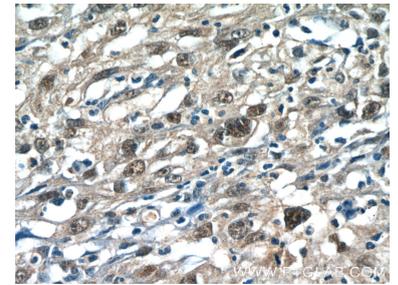
## Selected Validation Data



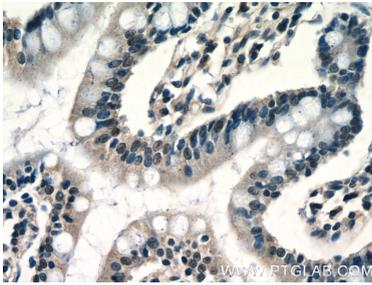
IP result of anti-RPP25 (IP:15461-1-AP, 4 $\mu$ g; Detection:15461-1-AP 1:300) with HeLa cells lysate 2800  $\mu$ g.



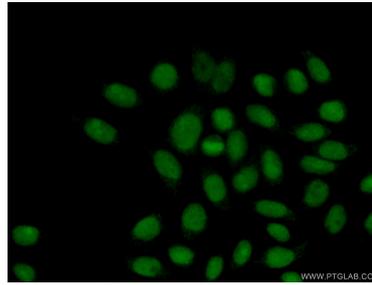
HeLa cells were subjected to SDS PAGE followed by western blot with 15461-1-AP (RPP25 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 15461-1-AP (RPP25 Antibody) at dilution of 1:50 (under 40 $\times$  lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 15461-1-AP (RPP25 Antibody) at dilution of 1:50 (under 40 $\times$  lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 15461-1-AP (RPP25 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).