

For Research Use Only

# TRIP13 Polyclonal antibody

Catalog Number: 19602-1-AP

Featured Product

23 Publications



## Basic Information

### Catalog Number:

19602-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6595

### GenBank Accession Number:

BC000404

### GeneID (NCBI):

9319

### UNIPROT ID:

Q15645

### Full Name:

thyroid hormone receptor interactor 13

### Calculated MW:

49 kDa

### Observed MW:

49 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

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

## Applications

### Tested Applications:

WB, IP, ELISA

### Cited Applications:

WB, IHC, IF, IP, CoIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

### Positive Controls:

WB : HT-1080 cells, mouse testis tissue, Jurkat cells

IP : mouse testis tissue,

## Background Information

TRIP13 gene encodes thyroid receptor-interacting protein 13, that interact with thyroid hormone receptors, also known as human papillomavirus type 16 E1 protein-binding protein (16E1BP). This protein belongs to the AAA ATPase family and the PCH2 subfamily. TRIP13 gene may be one of the several playing roles in early-stage non-small cell lung cancer. TRIP13 also functions in chromosome recombination and chromosome structure development during meiosis, and it is required for development of higher-order chromosome structures and is needed for synaptonemal-complex formation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhi-Han Li	33128167	J Mol Histol	WB
Sumit Agarwal	33037736	Mol Oncol	IHC
Guanghui Zhang	31740732	Br J Cancer	WB,IHC

## 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

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

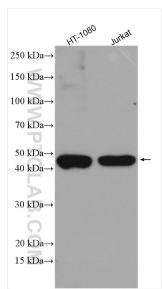
For technical support and original validation data for this product please contact:

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

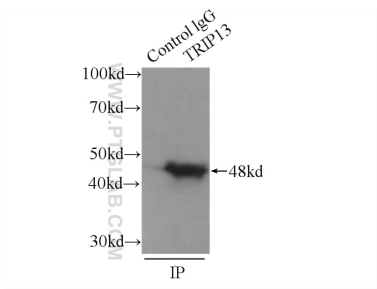
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 19602-1-AP (TRIP13 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-TRIP13 (IP:19602-1-AP, 3ug; Detection:19602-1-AP 1:400) with mouse testis tissue lysate 6000ug.