

For Research Use Only

# TRIP13 Polyclonal antibody

Catalog Number: 19602-1-AP

Featured Product

17 Publications



## Basic Information

<b>Catalog Number:</b> 19602-1-AP	<b>GenBank Accession Number:</b> BC000404	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9319	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> thyroid hormone receptor interactor 13	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 49 kDa	
<b>Immunogen Catalog Number:</b> AG6595	<b>Observed MW:</b> 49 kDa	

## Applications

<b>Tested Applications:</b> IP, WB, ELISA	<b>Positive Controls:</b> WB : HT-1080 cells, mouse testis tissue, Jurkat cells IP : mouse testis tissue,
<b>Cited Applications:</b> CoIP, IF, IHC, IP, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	

## 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
Guanghai Zhang	31740732	Br J Cancer	WB, IHC

## Storage

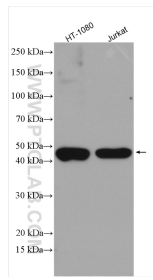
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

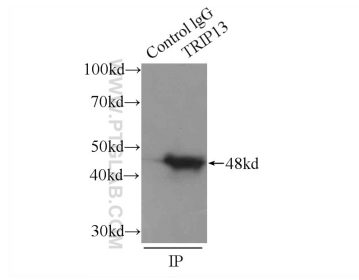
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



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.