

For Research Use Only

# TRIM32 Polyclonal antibody

Catalog Number: 10326-1-AP

Featured Product

10 Publications



## Basic Information

<b>Catalog Number:</b> 10326-1-AP	<b>GenBank Accession Number:</b> BC003154	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 350 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 22954	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q13049	
<b>Isotype:</b> IgG	<b>Full Name:</b> tripartite motif-containing 32	
<b>Immunogen Catalog Number:</b> AG0401	<b>Calculated MW:</b> 72 kDa	
	<b>Observed MW:</b> 65-72 kDa	

## Applications

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

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

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, rat, mouse

**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 :** HEK-293 cells, mouse colon tissue, NIH/3T3 cells

**IHC :** human lymphoma tissue, human colon tissue

**IF :** hTERT-RPE1 cells, mouse embryo tissue

## Background Information

TRIM32(Tripartite motif-containing protein 32) is a widely expressed ubiquitin ligase that is localized to the Z-line in skeletal muscle(PMID:19349376). It promotes PIAS4 ubiquitination and degradation, and by controlling PIAS4 stability, regulates UVB-induced keratinocyte apoptosis through induction of NFkappaB(PMID: 16816390).

## Notable Publications

Author	Pubmed ID	Journal	Application
Molly M Wilson	34705506	Sci Adv	WB
Sheng Li	34755101	iScience	WB
Lei Liu	34888944	FASEB J	WB,IF,IP

## 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

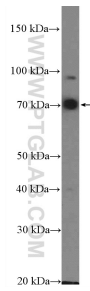
For technical support and original validation data for this product please contact:

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

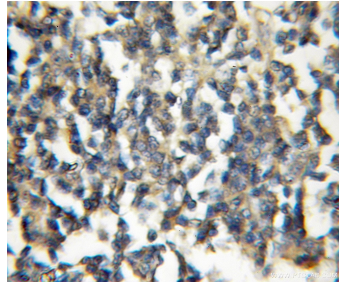
E: proteintech@ptglab.com  
W: ptglab.com

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

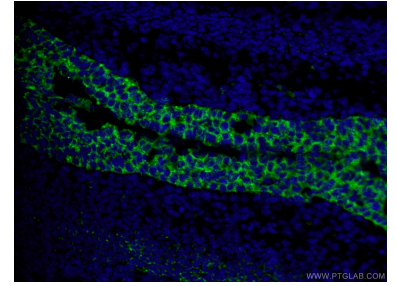
## Selected Validation Data



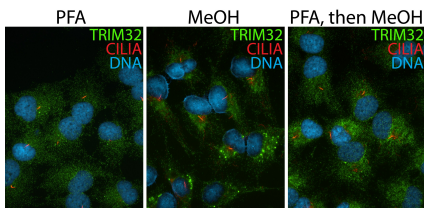
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10326-1-AP (TRIM32 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



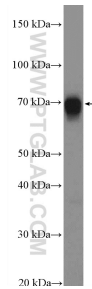
Immunohistochemical analysis of paraffin-embedded human lymphoma using 10326-1-AP (TRIM32 antibody) at dilution of 1:50 (under 10x lens).



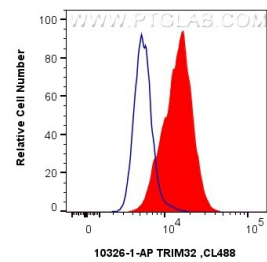
Immunofluorescent analysis of (4% PFA) fixed mouse embryo tissue using 10326-1-AP (TRIM32 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IF result (cytoplasm stain) of anti-BBS11 (10326-1-AP; 1:50) with hTERT-RPE1 cell by Dr. Moshe Kim.



mouse colon tissue were subjected to SDS PAGE followed by western blot with 10326-1-AP (TRIM32 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  A431 cells were intracellularly stained with 0.4 ug Anti-Human TRIM32 (10326-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP, Clone: ) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).