

For Research Use Only

TRIM32 Polyclonal antibody

Catalog Number:10326-1-AP

Featured Product

14 Publications



Basic Information

Catalog Number: 10326-1-AP	GenBank Accession Number: BC003154	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 22954	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q13049	
Isotype: IgG	Full Name: tripartite motif-containing 32	
Immunogen Catalog Number: AG0401	Calculated MW: 72 kDa	
	Observed MW: 70-72 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, FC (Intra), ELISA	Positive Controls: WB : HEK-293 cells, mouse colon tissue, NIH/3T3 cells IHC : human colon tissue,
Cited Applications: WB, IHC, IF, IP	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse, rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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). Western blot analysis detected TRIM32 at an apparent molecular mass of 70-72 kDa.

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

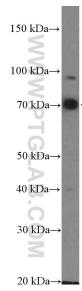
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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
W: ptglab.com

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

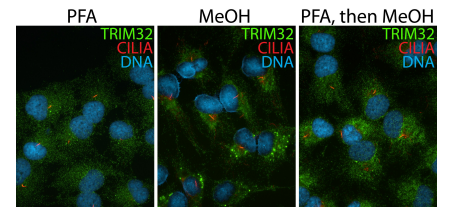
Selected Validation Data



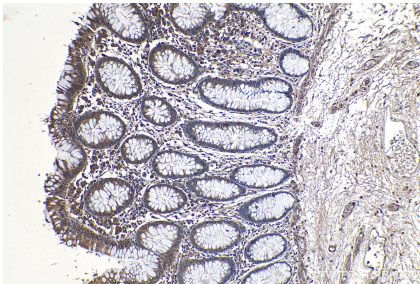
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10326-1-AP (TRIM32 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



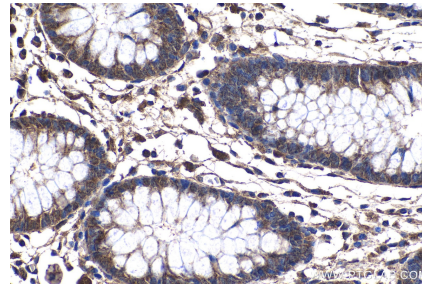
mouse colon tissue were subjected to SDS PAGE followed by western blot with 10326-1-AP (TRIM32 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



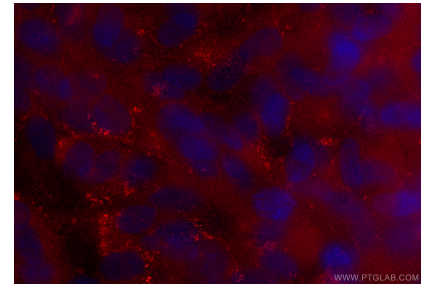
IF result (cytoplasm stain) of anti-BBS11 (10326-1-AP; 1:50) with hTERT-RPE1 cell by Dr. Moshe Kim.



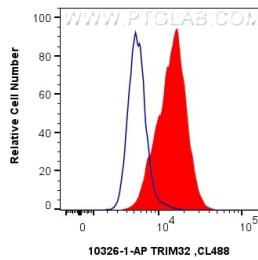
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 10326-1-AP (TRIM32 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 10326-1-AP (TRIM32 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using TRIM32 antibody (10326-1-AP) at dilution of 1:400 and CoraLite@594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).



1×10^6 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-O-AP, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).