

TRIM32 Polyclonal antibody

Catalog Number: 10326-1-AP

Featured Product

10 Publications

Basic Information

Catalog Number:

10326-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0401

GenBank Accession Number:

BC003154

GeneID (NCBI):

22954

UNIPROT ID:

Q13049

Full Name:

tripartite motif-containing 32

Calculated MW:

72 kDa

Observed MW:

65-72 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF 1:20-1:200

Applications

Tested Applications:

FC, IF/ICC, IHC, WB, ELISA

Cited Applications:

IF, IHC, IP, WB

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,

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 NFκB (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

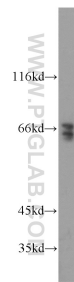
For technical support and original validation data for this product please contact:

T: 4006900926

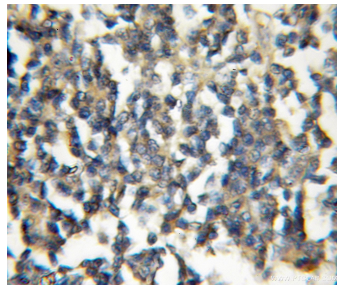
E: Proteintech-CN@ptglab.comW: ptgcn.com

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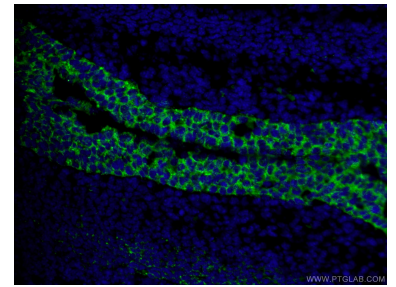
Selected Validation Data



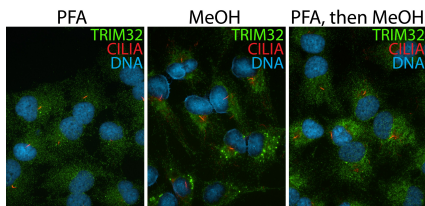
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10326-1-AP (TRIM32 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



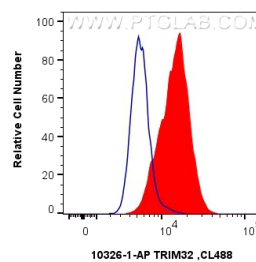
Immunohistochemical analysis of paraffin-embedded human lymphoma using 10326-1-AP (TRIM32 antibody) at dilution of 1:50 (under 10x lens).



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.



1X10⁶ 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).