

For Research Use Only

TRIM33 Recombinant antibody

Catalog Number: 85364-3-RR



Basic Information

Catalog Number:

85364-3-RR

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_015906

GeneID (NCBI):

51592

UNIPROT ID:

Q9UPN9

Full Name:

tripartite motif-containing 33

Calculated MW:

122 kDa

Observed MW:

140-150 kDa

Purification Method:

Protein A purification

CloneNo.:

242728H2

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:250-1:1000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, COLO 320 cells, MOLT-4 cells

IF/ICC : HepG2 cells,

Background Information

TRIM33, also named KIAA1113, RFG7, and TIF1G, belongs to the TRIM/RBCC family. It acts as an E3 ubiquitin-protein ligase. TRIM33 promotes SMAD4 ubiquitination, nuclear exclusion, and degradation via the ubiquitin-proteasome pathway. It may act as a transcriptional repressor. It inhibits the transcriptional response to TGF-beta/BMP signaling cascade. TRIM33 plays a role in the control of cell proliferation. Its association with SMAD2 and SMAD3, TRIM33 stimulates erythroid differentiation of hematopoietic stem/progenitor. Defects in TRIM33 are a cause of thyroid papillary carcinoma (TPC). This antibody is specific to TRIM33. The calculated molecular weight of TRIM33 is 122kDa, but the molecular weight detected is about 140-150 kDa the same as the result from the paper(PMID:25639486;26592194).

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:

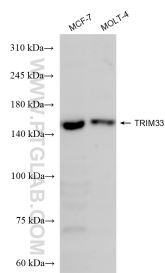
T: 4006900926

E: Proteintech-CN@ptglab.com

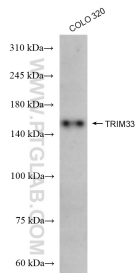
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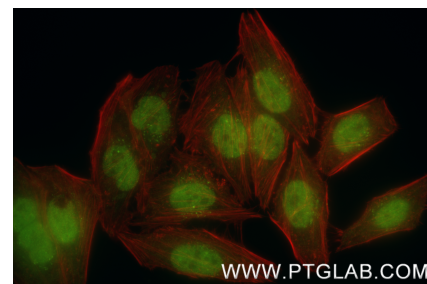
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85364-3-RR (TRIM33 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



COLO 320 cells were subjected to SDS PAGE followed by western blot with 85364-3-RR (TRIM33 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using TRIM33 antibody (85364-3-RR, Clone: 242728H2) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).