

Anti-TRIM33 Antibody

Catalog Number: A03133

About TRIM33

TRIM24 (TIF1alpha), TRIM28 (TIF1beta), and TRIM33 (TIF1gamma) are three related cofactors belonging to the tripartite motif superfamily that interact with distinct transcription factors (1-2). The structure of TRIM33 is similar to TRIM24 and TRIM28, exhibiting multiple domains (RING finger, coiled coil, B boxes, PHD/TTC, and bromodomain) (3). TRIM33 functions in cell differentiation and development, playing a role in differentiation of hematopoietic cells (3). It interacts with the Smad2/3 transcription factor in hematopoietic, mesenchymal, and epithelial cell types to mediate different transcriptional effects in response to TGF-beta (4). It acts as an E3 ubiquitin-protein ligase and promotes SMAD4 ubiquitination (5).

Overview

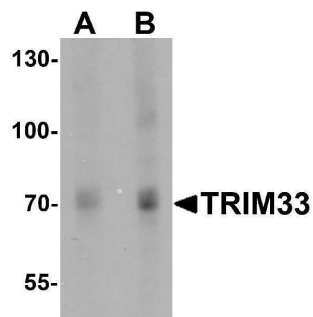
Product Name	Anti-TRIM33 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TRIM33 Antibody (Catalog # A03133). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TRIM33 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TRIM33 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q9UPN9

Technical Details

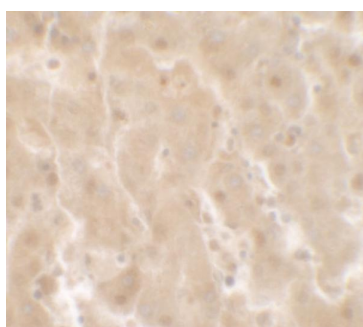
Immunogen	TRIM33 antibody was raised against an 18 amino acid peptide near the center of human TRIM33. The immunogen is located within amino acids 580 - 630 of TRIM33.
Predicted Reactive Species	Bovine
Cross Reactivity	TRIM33 antibody is human, mouse and rat reactive. At least two isoforms of TRIM33 are known to exist.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL

Purification	TRIM33 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TRIM33 antibody can be used for detection of TRIM33 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

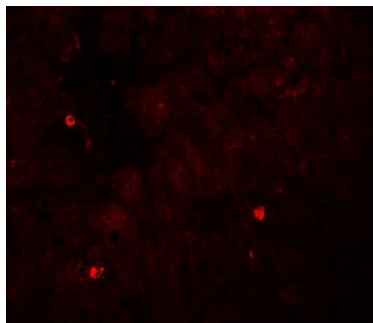
Anti-TRIM33 Antibody (A03133) Images



Western blot analysis of TRIM33 in human liver tissue lysate with TRIM33 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of TRIM33 in human liver tissue with TRIM33 antibody at 2.5 ug/ml.



Immunofluorescence of TRIM33 in human liver tissue with TRIM33 antibody at 20 ug/ml.

Submit a product review to [Biocompare.com](https://www.biocompare.com)

Submit a review of this product to [Biocompare.com](https://www.biocompare.com) to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-TRIM33 Antibody

For Research Use Only. Not for use in diagnostic procedures.