

Rabbit TRIM33 Polyclonal Antibody | anti-TRIM33 antibody

TRIM33 Antibody

CATALOG # AAA40507	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

TRIM33; Polyclonal Antibody; TRIM33 Antibody; ECTO; PTC7; RFG7; TF1G; TIF1G; TIFGAMMA; TIF1GAMMA; KIAA1113; E3 ubiquitin-protein ligase TRIM33; Ectodermin homolog; Protein Rfg7; tripartite motif containing 33; anti-TRIM33 antibody

PRODUCT SPECIFICATIONS

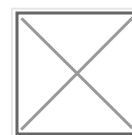
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TRIM33 antibody is human, mouse and rat reactive. At least two isoforms of TRIM33 are known to exist.
Purity/Purification	TRIM33 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1127
Applicable Applications for anti-TRIM33 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TRIM33 antibody was raised against an 18 amino acid peptide near the center of human TRIM33.
Buffer	TRIM33 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TRIM33 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



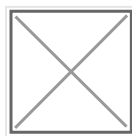
IF (Immunofluorescence)

Immunofluorescence of TRIM33 in human liver tissue with TRIM33 antibody at 20 μg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of TRIM33 in human liver tissue with TRIM33 antibody at 2.5 μg/mL.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM33 antibody	TRIM33 Antibody: 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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74027249
NCBI GeneID	51592
NCBI Accession #	NP_056990
NCBI GenBank Nucleotide #	NM_015906.3
UniProt Accession #	Q9UPN9; O95855; Q5TG72; Q5TG73; Q5TG74; Q9C017; Q9UJ79
Molecular Weight	Predicted: 70; 124 kDa Observed: 70 kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase TRIM33 isoform alpha
NCBI Official Synonym Full Names	tripartite motif containing 33
NCBI Official Symbol	TRIM33
NCBI Official Synonym Symbols	ECTO; PTC7; RFG7; TF1G; TIF1G; TIFGAMMA; TIF1GAMMA
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM33; TIF1-gamma; protein Rfg7; ectodermin homolog; RET-fused gene 7 protein; tripartite motif-containing 33; transcriptional intermediary factor 1 gamma
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM33
UniProt Gene Name	TRIM33
UniProt Synonym Gene Names	KIAA1113; RFG7; TIF1G; Protein Rfg7; TIF1-gamma
UniProt Entry Name	TRI33_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/trim33-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40507>