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Datasheet for ABIN7151261  
**anti-TRIM33 antibody (AA 1-273) (HRP)**

### Overview

Quantity:	100 µg
Target:	TRIM33
Binding Specificity:	AA 1-273
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM33 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human E3 ubiquitin-protein ligase TRIM33 protein (1-273AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	TRIM33
Alternative Name:	TRIM33 ( <a href="#">TRIM33 Products</a> )
Background:	Background: Acts as an E3 ubiquitin-protein ligase. Promotes SMAD4 ubiquitination, nuclear exclusion and degradation via the ubiquitin proteasome pathway. According to

## Target Details

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PubMed:16751102, does not promote a decrease in the level of endogenous SMAD4. May act as a transcriptional repressor. Inhibits the transcriptional response to TGF-beta/BMP signaling cascade. Plays a role in the control of cell proliferation. Its association with SMAD2 and SMAD3 stimulates erythroid differentiation of hematopoietic stem/progenitor (By similarity).

Monoubiquitinates SMAD4 and acts as an inhibitor of SMAD4-dependent TGF-beta/BMP signaling cascade (Monoubiquitination of SMAD4 hampers its ability to form a stable complex with activated SMAD2/3 resulting in inhibition of TGF-beta/BMP signaling cascade).

Aliases: 8030451N04Rik antibody, AI413936 antibody, cb1085 antibody, DKFZp586K1123 antibody, E3 ubiquitin-protein ligase TRIM33 antibody, EC 6.3.2.- antibody, Ectodermin antibody, Ectodermin homolog antibody, FLJ11429 antibody, FLJ32925 antibody, id:ibd2175 antibody, MGC136680 antibody, mKIAA1113 antibody, OTTHUMP00000013662 antibody, OTTHUMP00000013663 antibody, Protein Rfg7 antibody, PTC7 antibody, Ret fused gene 7 antibody, RET-fused gene 7 protein antibody, RFG7 antibody, Rfg7 protein antibody, TF1G antibody, TIF1 gamma antibody, TIF1-gamma antibody, TIF1G antibody, TIF1GAMMA antibody, TIFGAMMA antibody, Transcription intermediary factor 1-gamma antibody, Transcriptional intermediary factor 1 gamma antibody, TRI33\_HUMAN antibody, trim33 antibody, Tripartite motif containing 33 antibody, Tripartite motif containing 33 protein antibody, tripartite motif-containing 33 antibody, Tripartite motif-containing protein 33 antibody, wu:fc17f10 antibody, zgc:136680 antibody

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UniProt: [Q9UPN9](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

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## Handling

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.