

anti- TRIM33 antibody

Product Information

Catalog No.:	FNab08981
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Acts as an E3 ubiquitin-protein ligase.Promotes SMAD4 ubiquitination, nuclear exclusion and degradation via the ubiquitin proteasome pathway. According to 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).

Immunogen information

Immunogen:	tripartite motif-containing 33
Synonyms:	Ectodermin homolog, FLJ32925, KIAA1113, Protein Rfg7, PTC7, RET fused gene 7 protein, RFG7, TF1G, TIF1 gamma, TIF1G, TIF1GAMMA, TIFGAMMA, TRIM33, tripartite motif containing 33
Observed MW:	140-150 kDa
UniprotID :	Q9UPN9

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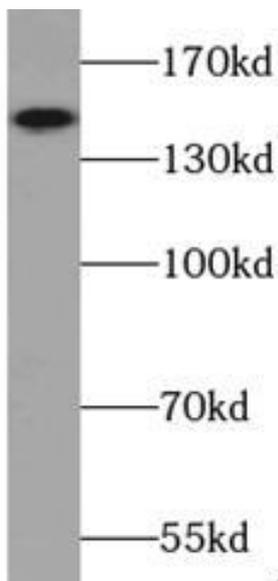
Application

Reactivity: Human

Tested Application: ELISA, WB

Recommended dilution: WB: 1:200-1:2000

Image:



COLO 320 cells were subjected to SDS PAGE followed by western blot with FNab08981(TRIM33 antibody) at dilution of 1:500

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