

Immunotag™ TRIM33 Antibody

Antibody Specification	
Catalog No.	ITA8628
Product Description	Immunotag™ TRIM33 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TRIM33
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human TRIM33
Specificity	TRIM33 Antibody detects endogenous levels of total TRIM33
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TRIM33
Accession No.	Q9UPN9

Antibody Specification

Alternate Names	8030451N04Rik; AI413936; cb1085; DKFZp586K1123; E3 ubiquitin-protein ligase TRIM33; EC 6.3.2.-; Ectodermin; Ectodermin homolog; FLJ11429; FLJ32925; id:ibd2175; MGC136680; mKIAA1113; OTTHUMP00000013662; OTTHUMP00000013663; Protein Rfg7; PTC7; Ret fused gene 7; RET-fused gene 7 protein; RFG7; Rfg7 protein; TF1G; TIF1-gamma; TIF1G; TIF1GAMMA; TIFGAMMA; Transcription intermediary factor 1-gamma; Transcriptional intermediary factor 1 gamma; TRI33_HUMAN; trim33; Tripartite motif containing 33; Tripartite motif containing 33 protein; tripartite motif-containing 33; Tripartite motif-containing protein 33; wu:fc17f10; zgc:136680;
Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	123 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.