

Rabbit anti-Human TRIM33 Polyclonal Antibody | anti-TRIM33 antibody

TRIM33 Antibody

CATALOG # AAA233121	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
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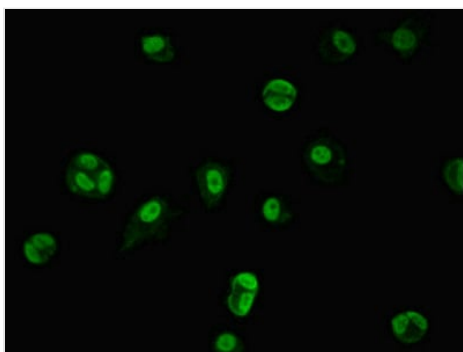
PRODUCT SYNONYMS

TRIM33; Polyclonal Antibody; TRIM33 Antibody; E3 ubiquitin-protein ligase TRIM33; Ectodermin homolog; RET-fused gene 7 protein; Protein Rfg7; Transcription intermediary factor 1-gamma; TIF1-gamma; Tripartite motif-containing protein 33; KIAA1113; RFG7; TIF1G; anti-TRIM33 antibody

PRODUCT SPECIFICATIONS

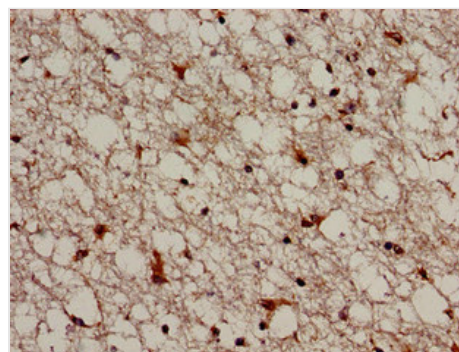
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1127
Applicable Applications for anti-TRIM33 antibody	ELISA
Immunogen	Recombinant Human E3 ubiquitin-protein ligase TRIM33 protein (1-273AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-68424 / sc-69040
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of MCF-7 cells using AAA233121 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry analysis of human brain tissue using AAA233121 at dilution of 1:100

ADDITIONAL INFORMATION

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

NCBI GI #	74027249
NCBI GeneID	51592
NCBI Accession #	NP_056990.3
NCBI GenBank Nucleotide #	NM_015906.3
UniProt Accession #	Q9UPN9; O95855; Q5TG72; Q5TG73; Q5TG74; Q9C017; Q9UJ79
Molecular Weight	120,541 Da
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
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.