

Rabbit anti-Human TRIM37 Polyclonal Antibody | anti-TRIM37 antibody

Anti-TRIM37 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254431	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

TRIM37; Polyclonal Antibody; Anti-TRIM37 Antibody; Rabbit Polyclonal; TRIM37 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-MUL Antibody; Anti-POB1 Antibody; Anti-TEF3 Antibody; anti-TRIM37 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TRIM37
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TRIM37 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human TRIM37
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human TRIM37, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of TRIM37 in HUVEC cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti- TRIM37 polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.



WB (Western Blot)

Anti-TRIM37 rabbit polyclonal antibody at 1:500 dilution Lane A: Raji Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 108 kDa Observed band size: 128 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM37 antibody	Tripartite motif 37 (TRIM37) belongs to the TRIM family of proteins and has been reported to be involved in the progression of asthma. TRIM37 gene mutations cause mulibrey (muscle-liver-brain-eye) nanism, a severe growth disorder with prenatal onset. Although TRIM37 depletion normally induces apoptosis, patients with TRIM37 mutations have a high risk of developing tumors. In response to loss of TRIM37 functions, phosphorylation of TFEB is significantly reduced, resulting in its translocation into the nucleus enabling its transcriptional activation of genes involved in lysosome biogenesis and macroautophagy/autophagy. TRIM37 functions as an oncogene in the development and progression of glioma. TRIM37 knockdown inhibited the proliferation and invasion of human glioma cells at least in part through the inactivation of PI3K/Akt signaling pathway.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55976224
NCBI GeneID	4591
UniProt Accession #	O94972; Q7Z3E6; Q8IYF7; Q8WYF7
Molecular Weight	964
NCBI Official Full Name	E3 ubiquitin-protein ligase TRIM37
NCBI Official Synonym Full Names	tripartite motif containing 37
NCBI Official Symbol	TRIM37
NCBI Official Synonym Symbols	MUL; POB1; TEF3
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM37; mulibrey nanism protein; RING-B-box-coiled-coil protein; tripartite motif-containing protein 37
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM37
UniProt Gene Name	TRIM37
UniProt Synonym Gene Names	KIAA0898; MUL; POB1
UniProt Entry Name	TRI37_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/trim37-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/254431>