

Rabbit anti-Human TRIM29 Polyclonal Antibody | anti-TRIM29 antibody

Anti-TRIM29 Antibody Picoband

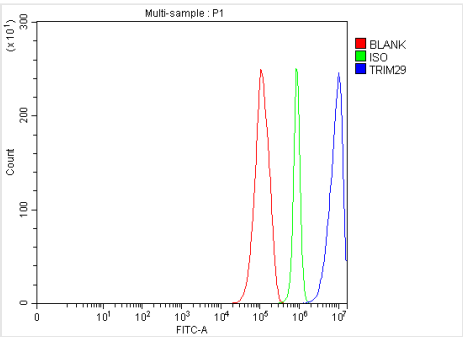
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126384	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

TRIM29; Polyclonal Antibody; Anti-TRIM29 Antibody Picoband; anti-TRIM29 antibody

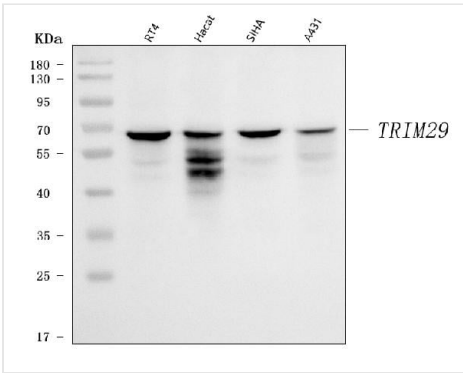
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-TRIM29 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human TRIM29 recombinant protein (Position: E169-R549).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of RT4 cells using anti-TRIM29 antibody (AAA126384).Overlay histogram showing RT4 cells stained with AAA126384 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TRIM29 Antibody (AAA126384, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of TRIM29 using anti-TRIM29 antibody (AAA126384).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human RT4 whole cell lysates,Lane 2: human Hacat whole cell lysates,Lane 3: human SIHA whole cell lysates,Lane 4: human A431 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TRIM29 antigen affinity purified polyclonal antibody (#AAA126384) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for TRIM29 at approximately 70 kDa. The expected band size for TRIM29 is at 67 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM29 antibody	Tripartite motif-containing protein 29 is a protein that in humans is encoded by the TRIM29 gene. The protein encoded by this gene belongs to the TRIM protein family. It has multiple zinc finger motifs and a leucine zipper motif. It has been proposed to form homo- or heterodimers which are involved in nucleic acid binding. Thus, it may act as a transcriptional regulatory factor involved in carcinogenesis and/or differentiation. It may also function in the suppression of radiosensitivity since it is associated with ataxia telangiectasia phenotype
Product Categories/Family for anti-TRIM29 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	116242825
NCBI GeneID	23650
UniProt Accession #	Q14134; Q96AA9; Q9BZY7
Molecular Weight	588
NCBI Official Full Name	Tripartite motif-containing protein 29
NCBI Official Synonym Full Names	tripartite motif containing 29
NCBI Official Symbol	TRIM29
NCBI Official Synonym Symbols	ATDC
NCBI Protein Information	tripartite motif-containing protein 29; tripartite motif-containing 29; tripartite motif protein TRIM29; ataxia telangiectasia group D-associated protein; ataxia-telangiectasia group D-associated protein
UniProt Protein Name	Tripartite motif-containing protein 29
UniProt Gene Name	TRIM29

UniProt Synonym Gene Names	ATDC
UniProt Entry Name	TRI29_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/trim29-antibody-flow-cytometry-western-blot-elisa/126384>