

Rabbit TRIM36 Polyclonal Antibody | anti-TRIM36 antibody

Anti-TRIM36 Antibody Picoband

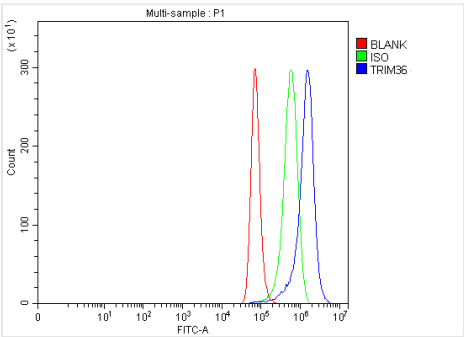
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126571	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

TRIM36; Polyclonal Antibody; Anti-TRIM36 Antibody Picoband; anti-TRIM36 antibody

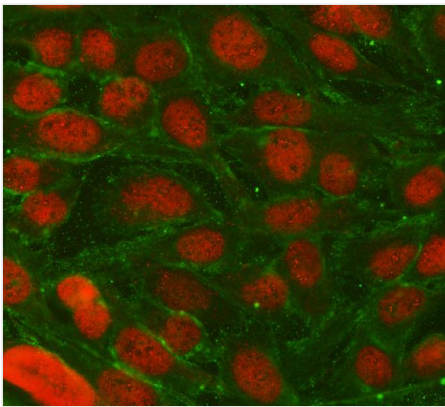
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
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-TRIM36 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human TRIM36 recombinant protein (Position: E143-K642).
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.



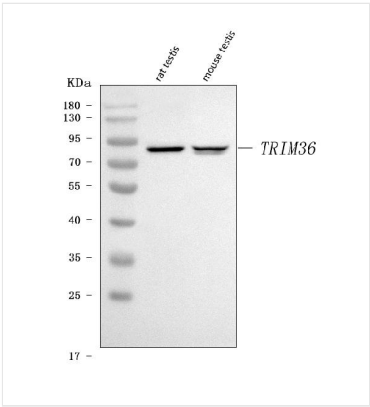
FCM/FACS (Flow Cytometry)

Figure 3. Flow Cytometry analysis of HeLa cells using anti-TRIM36 antibody (AAA126571).Overlay histogram showing HeLa cells stained with AAA126571 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TRIM36 Antibody (AAA126571, 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.



IF (Immunofluorescence)

Figure 2. IF analysis of TRIM36 using anti-TRIM36 antibody (AAA126571) and anti-Tubulin Alpha antibody (M03989-3).TRIM36 was detected in immunocytochemical section of U2OS cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-TRIM36 Antibody (AAA126571) and mouse anti-Tubulin Alpha antibody (M03989-3) overnight at 4 degree C. Cy3 Conjugated Goat Anti-Rabbit IgG (BA1032) and DyLight488 Conjugated Goat Anti-Mouse IgG were used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of TRIM36 using anti-TRIM36 antibody (AAA126571).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: rat testis tissue lysates,Lane 2: mouse testis tissue 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-TRIM36 antigen affinity purified polyclonal antibody (#AAA126571) 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 TRIM36 at approximately 83 kDa. The expected band size for TRIM36 is at 83 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM36 antibody	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.
Product Categories/Family for anti-TRIM36 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	62865610
NCBI GeneID	55521
NCBI Accession #	NP_001017397.1
NCBI GenBank Nucleotide #	NM_001017397.1
UniProt Accession #	Q9NQ86; Q0P5Z9; A1L3Z1; A6NDD0; B7Z3V4; B7ZAV7; E9PFI8
Molecular Weight	81,570 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase TRIM36 isoform 2
NCBI Official Synonym Full Names	tripartite motif containing 36
NCBI Official Symbol	TRIM36
NCBI Official Synonym Symbols	RNF98; HAPRIN; RBCC728
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM36; RING finger protein 98; tripartite motif protein 36; zinc-binding protein Rbcc728; tripartite motif-containing 36; tripartite motif-containing protein 36
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM36
UniProt Gene Name	TRIM36
UniProt Synonym Gene Names	RBCC728; RNF98
UniProt Entry Name	TRI36_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://www.aaabiotech.com/polyclonal/trim36-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/126571>