

Rabbit anti-Human TRIM50 Polyclonal Antibody | anti-TRIM50 antibody

Anti-TRIM50 Antibody Picoband

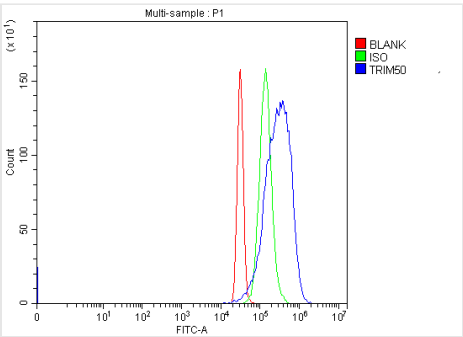
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126624	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

TRIM50; Polyclonal Antibody; Anti-TRIM50 Antibody Picoband; anti-TRIM50 antibody

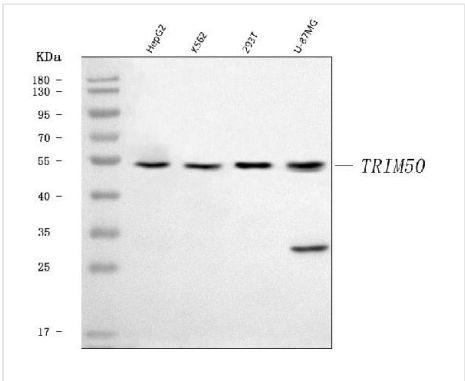
PRODUCT SPECIFICATIONS

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-TRIM50 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), ELISA
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human TRIM50 recombinant protein (Position: K243-L487).
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 CACO-2 cells using anti-TRIM50 antibody (AAA126624).Overlay histogram showing CACO-2 cells stained with AAA126624 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TRIM50 Antibody (AAA126624, 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 TRIM50 using anti-TRIM50 antibody (AAA126624).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 HepG2 whole cell lysates,Lane 2: human K562 whole cell lysates,Lane 3: human 293T whole cell lysates,Lane 4: human U-87MG 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-TRIM50 antigen affinity purified polyclonal antibody (#AAA126624) 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 TRIM50 at approximately 55 kDa. The expected band size for TRIM50 is at 55 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM50 antibody	Tripartite motif-containing 50, also known as TRIM50, is a human gene. Enables identical protein binding activity. Predicted to be involved in protein ubiquitination. Predicted to act upstream of or within regulation of establishment of protein localization. Located in cytosol.
Product Categories/Family for anti-TRIM50 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	527122120
NCBI GeneID	135892
NCBI Accession #	NP_001268379.1
NCBI GenBank Nucleotide #	NM_001281450.1
UniProt Accession #	Q86XT4; Q86XT3
Molecular Weight	54,774 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase TRIM50 isoform b
NCBI Official Synonym Full Names	tripartite motif containing 50
NCBI Official Symbol	TRIM50
NCBI Official Synonym Symbols	TRIM50A
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM50; tripartite motif-containing 50A; tripartite motif-containing protein 50
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM50
UniProt Gene Name	TRIM50

UniProt Synonym Gene Names	TRIM50A
UniProt Entry Name	TRI50_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/trim50-antibody-western-blot-flow-cytometry-elisa/126624>