

Rabbit anti-Human TRAF7 Polyclonal Antibody | anti-TRAF7 antibody

Anti-TRAF7 Antibody Picoband

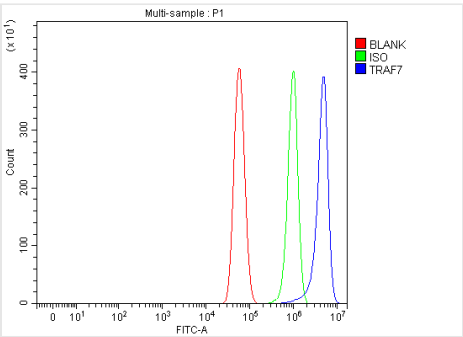
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126447	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

TRAF7; Polyclonal Antibody; Anti-TRAF7 Antibody Picoband; anti-TRAF7 antibody

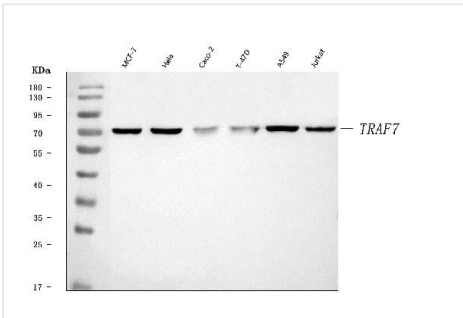
PRODUCT SPECIFICATIONS

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-TRAF7 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 TRAF7 recombinant protein (Position: R29-C670).
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 U87 cells using anti-TRAF7 antibody (AAA126447). Overlay histogram showing U87 cells stained with AAA126447 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TRAF7 Antibody (AAA126447, 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 TRAF7 using anti-TRAF7 antibody (AAA126447). 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 MCF-7 whole cell lysates, Lane 2: human Hela whole cell lysates, Lane 3: human Caco-2 whole cell lysates, Lane 4: human T-47D whole cell lysates, Lane 5: human A549 whole cell lysates, Lane 6: human Jurkat 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-TRAF7 antigen affinity purified polyclonal antibody (#AAA126447) at 0.25 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 TRAF7 at approximately 75 kDa. The expected band size for TRAF7 is at 75 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TRAF7 antibody	Tumor necrosis factor (TNF; see MIM 191160) receptor-associated factors, such as TRAF7, are signal transducers for members of the TNF receptor superfamily (see MIM 191190). TRAFs are composed of an N-terminal cysteine/histidine-rich region containing zinc RING and/or zinc finger motifs; a coiled-coil (leucine zipper) motif; and a homologous region that defines the TRAF family, the TRAF domain, which is involved in self-association and receptor binding.
Product Categories/Family for anti-TRAF7 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	54036486
NCBI GeneID	84231
UniProt Accession #	Q6Q0C0; Q9H073
Molecular Weight	670
NCBI Official Full Name	E3 ubiquitin-protein ligase TRAF7
NCBI Official Synonym Full Names	TNF receptor-associated factor 7, E3 ubiquitin protein ligase
NCBI Official Symbol	TRAF7
NCBI Official Synonym Symbols	RFWD1; RNF119
NCBI Protein Information	E3 ubiquitin-protein ligase TRAF7; RING finger protein 119; ring finger and WD repeat domain 1; RING finger and WD repeat-containing protein 1
UniProt Protein Name	E3 ubiquitin-protein ligase TRAF7
UniProt Gene Name	TRAF7
UniProt Synonym Gene Names	RFWD1; RNF119

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/traf7-antibody-flow-cytometry-western-blot-elisa/126447>