

Rabbit anti-Human TPRBK/TTC28 Polyclonal Antibody | anti-TTC28 antibody

Anti-TPRBK/TTC28 Antibody Picoband

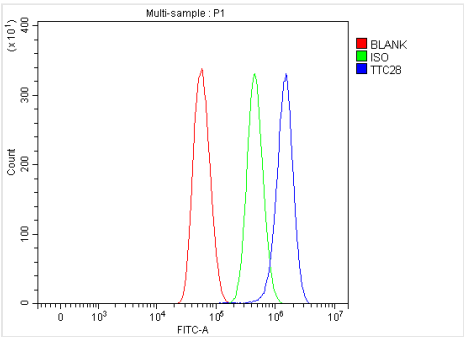
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126588	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

TPRBK/TTC28; Polyclonal Antibody; Anti-TPRBK/TTC28 Antibody Picoband; anti-TTC28 antibody

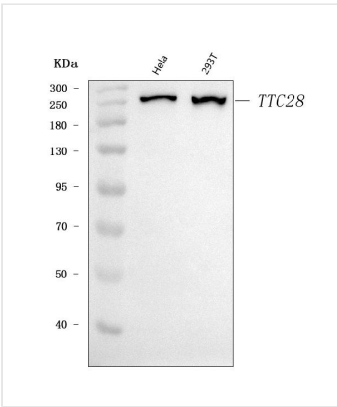
PRODUCT SPECIFICATIONS

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-TTC28 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 TPRBK/TTC28 recombinant protein (Position: Q1586-D1950).
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-TPRBK/TTC28 antibody (AAA126588).Overlay histogram showing U87 cells stained with AAA126588 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TPRBK/TTC28 Antibody (AAA126588, 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 cells) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of TPRBK/TTC28 using anti-TPRBK/TTC28 antibody (AAA126588).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 HeLa whole cell lysates,Lane 2: human 293T 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-TPRBK/TTC28 antigen affinity purified polyclonal antibody (#AAA126588) 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 TPRBK/TTC28 at approximately 271 kDa. The expected band size for TPRBK/TTC28 is at 271 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TTC28 antibody	Tetratricopeptide repeat domain 28 is a protein that in humans is encoded by the TTC28 gene. Enables kinase binding activity. Involved in regulation of mitotic cell cycle. Located in midbody.
Product Categories/Family for anti-TTC28 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	224028289
NCBI GeneID	23331
NCBI Accession #	NP_001138890.1
NCBI GenBank Nucleotide #	NM_001145418.1
UniProt Accession #	Q96AY4; O95928; O95929; Q5W189; Q9NTE4; Q9UG31; Q9UGG5; Q9UPV8; Q9Y3S5; K7ZRV2
Molecular Weight	270,884 Da
NCBI Official Full Name	tetratricopeptide repeat protein 28
NCBI Official Synonym Full Names	tetratricopeptide repeat domain 28
NCBI Official Symbol	TTC28
NCBI Official Synonym Symbols	TPRBK
NCBI Protein Information	tetratricopeptide repeat protein 28; TPR repeat protein 28; TPR-containing big gene cloned at Keio; TPR repeat-containing big gene cloned at Keio
UniProt Protein Name	Tetratricopeptide repeat protein 28
UniProt Gene Name	TTC28

UniProt Synonym Gene Names	KIAA1043; TPRBK; TPR repeat protein 28
UniProt Entry Name	TTC28_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/tprbk-ttc28-antibody-flow-cytometry-western-blot-elisa/126588>