

Rabbit anti-Human TTI2 Polyclonal Antibody | anti-TTI2 antibody

Anti-TTI2 Antibody Picoband

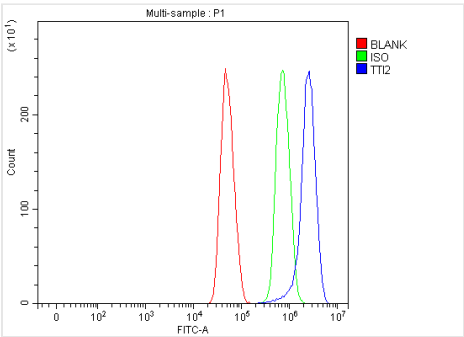
CATALOG # AAA126613	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

TTI2; Polyclonal Antibody; Anti-TTI2 Antibody Picoband; anti-TTI2 antibody

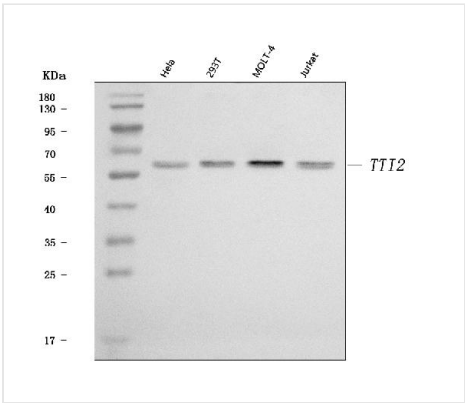
PRODUCT SPECIFICATIONS

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-TTI2 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 TTI2 recombinant protein (Position: E80-T508).
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 U251 cells using anti-TTI2 antibody (AAA126613).Overlay histogram showing U251 cells stained with AAA126613 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TTI2 Antibody (AAA126613, 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 TTI2 using anti-TTI2 antibody (AAA126613).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,Lane 3: human MOLT-4 whole cell lysates,Lane 4: 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-TTI2 antigen affinity purified polyclonal antibody (#AAA126613) 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 TTI2 at approximately 60 kDa. The expected band size for TTI2 is at 57 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TTI2 antibody	TELO2 interacting protein 2 is a protein that in humans is encoded by the TTI2 gene. This gene encodes a regulator of the DNA damage response. The protein is a component of the Triple T complex (TTT) which also includes telomere length regulation protein and TELO2 interacting protein 1. The TTT complex is involved in cellular resistance to DNA damage stresses and may act as a regulator of phosphoinositide-3-kinase-related protein kinase (PIKK) abundance.
Product Categories/Family for anti-TTI2 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	156151411
NCBI GeneID	80185
NCBI Accession #	NP_001095871.1
NCBI GenBank Nucleotide #	NM_001102401.2
UniProt Accession #	Q6NXR4; Q96IM2; Q9H5N4; D3DSV7
Molecular Weight	56,915 Da
NCBI Official Full Name	TELO2-interacting protein 2
NCBI Official Synonym Full Names	TELO2 interacting protein 2
NCBI Official Symbol	TTI2
NCBI Official Synonym Symbols	MRT39; C8orf41
NCBI Protein Information	TELO2-interacting protein 2; Tel2 interacting protein 2 homolog

UniProt Protein Name	TELO2-interacting protein 2
UniProt Gene Name	TTI2
UniProt Synonym Gene Names	C8orf41
UniProt Entry Name	TTI2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/tti2-antibody-flow-cytometry-western-blot-elisa/126613>