

Rabbit anti-Human TRMT44 Polyclonal Antibody | anti-TRMT44 antibody

Anti-TRMT44 Antibody Picoband

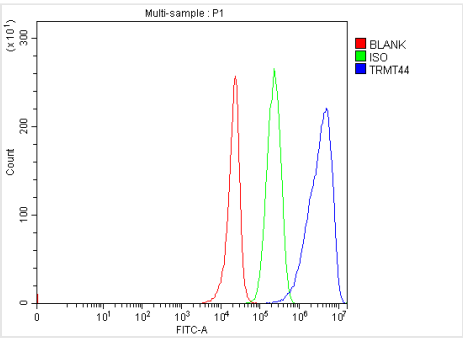
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126631	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

TRMT44; Polyclonal Antibody; Anti-TRMT44 Antibody Picoband; anti-TRMT44 antibody

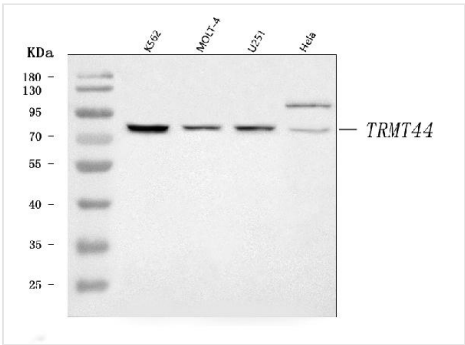
PRODUCT SPECIFICATIONS

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-TRMT44 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 TRMT44 recombinant protein (Position: M1-S757).
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 293T cells using anti-TRMT44 antibody (AAA126631).Overlay histogram showing 293T cells stained with AAA126631 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TRMT44 Antibody (AAA126631, 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 TRMT44 using anti-TRMT44 antibody (AAA126631).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 K562 whole cell lysates,Lane 2: human MOLT-4 whole cell lysates,Lane 3: human U251 whole cell lysates,Lane 4: human HeLa 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-TRMT44 antigen affinity purified polyclonal antibody (#AAA126631) 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 TRMT44 at approximately 85 kDa. The expected band size for TRMT44 is at 85 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TRMT44 antibody	The protein encoded by this gene is a putative tRNA methyltransferase found in the cytoplasm. Defects in this gene may be a cause of partial epilepsy with pericentral spikes (PEPS), but that has not been proven definitively.
Product Categories/Family for anti-TRMT44 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	298160987
NCBI GeneID	152992
NCBI Accession #	NP_689757.2
NCBI GenBank Nucleotide #	NM_152544.2
UniProt Accession #	Q8IYL2; Q8NA95
Molecular Weight	41,327 Da
NCBI Official Full Name	probable tRNA (uracil-O(2)-)-methyltransferase isoform 2
NCBI Official Synonym Full Names	tRNA methyltransferase 44 homolog
NCBI Official Symbol	TRMT44
NCBI Official Synonym Symbols	TRM44; C4orf23; METTL19
NCBI Protein Information	probable tRNA (uracil-O(2)-)-methyltransferase
UniProt Protein Name	Probable tRNA (uracil-O(2)-)-methyltransferase
UniProt Gene Name	TRMT44
UniProt Synonym Gene Names	C4orf23; METTL19

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/trmt44-antibody-flow-cytometry-western-blot-elisa/126631>