

Rabbit TARC/CCL17/TAAR6 Polyclonal Antibody | anti-TAAR6 antibody

Anti-TARC/CCL17/TAAR6 Antibody Picoband

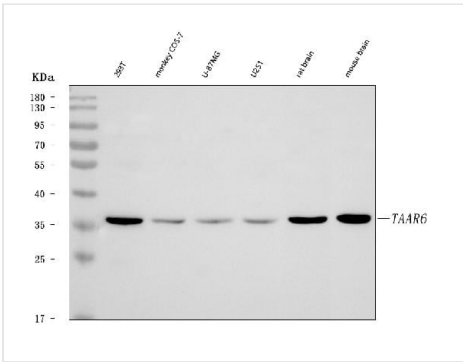
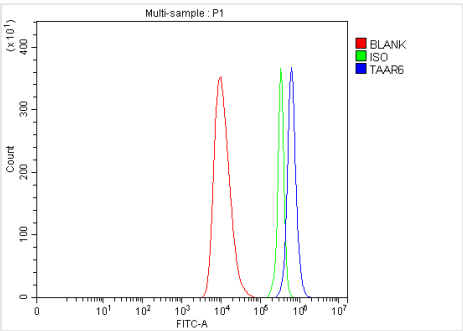
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126574	Rabbit	Human, Monkey, Mouse, Rat	Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

TARC/CCL17/TAAR6; Polyclonal Antibody; Anti-TARC/CCL17/TAAR6 Antibody Picoband; anti-TAAR6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey, Mouse, Rat
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-TAAR6 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence of human TARC/CCL17/TAAR6 (NIFLVARRQAKKIEN).
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 HEL cells using anti-TARC/CCL17/TAAR6 antibody (AAA126574).Overlay histogram showing HEL cells stained with AAA126574 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TARC/CCL17/TAAR6 Antibody (AAA126574, 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 TARC/CCL17/TAAR6 using anti-TARC/CCL17/TAAR6 antibody (AAA126574).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 293T whole cell lysates,Lane 2: monkey COS-7 whole cell lysates,Lane 3: human U-87MG whole cell lysates,Lane 4: human U251 whole cell lysates,Lane 5: rat brain tissue lysates,Lane 6: mouse brain tissue 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-TARC/CCL17/TAAR6 antigen affinity purified polyclonal antibody (#AAA126574) 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 TARC/CCL17/TAAR6 at approximately 38 kDa. The expected band size for TARC/CCL17/TAAR6 is at 38 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TAAR6 antibody	Trace amine associated receptor 6, also known as TAAR6, is a protein which in humans is encoded by the TAAR6 gene. This gene encodes a seven-transmembrane G-protein-coupled receptor that likely functions as a receptor for endogenous trace amines. Mutations in this gene may be associated with schizophrenia.
Product Categories/Family for anti-TAAR6 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	28173558
NCBI GeneID	319100
NCBI Accession #	NP_778237.1
NCBI GenBank Nucleotide #	NM_175067.1
UniProt Accession #	Q96RI8; Q5VUQ4
Molecular Weight	38,451 Da
NCBI Official Full Name	trace amine-associated receptor 6
NCBI Official Synonym Full Names	trace amine associated receptor 6
NCBI Official Symbol	TAAR6
NCBI Official Synonym Symbols	TA4; TAR4; TAR6; TRAR4; taR-4; taR-6
NCBI Protein Information	trace amine-associated receptor 6; trace amine receptor 4; trace amine receptor 6
UniProt Protein Name	Trace amine-associated receptor 6
UniProt Gene Name	TAAR6

UniProt Synonym Gene Names	TA4; TAR4; TRAR4; TaR-6; Trace amine receptor 6; TaR-4
UniProt Entry Name	TAAR6_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://stage.aaabiotech.com/polyclonal/tarc-ccl17-taar6-antibody-flow-cytometry-western-blot-elisa/126574>