

Rabbit anti-Human TSPYL5 Polyclonal Antibody | anti-TSPYL5 antibody

Anti-TSPYL5 Antibody Picoband

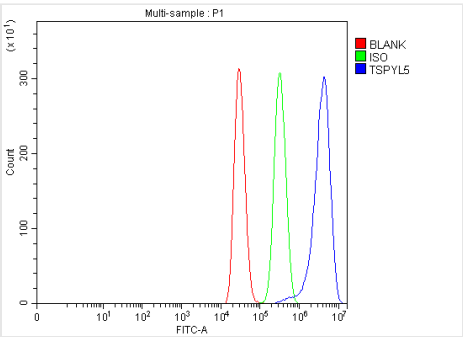
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126579	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

TSPYL5; Polyclonal Antibody; Anti-TSPYL5 Antibody Picoband; anti-TSPYL5 antibody

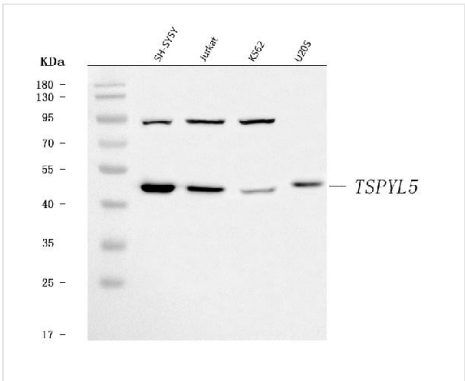
PRODUCT SPECIFICATIONS

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-TSPYL5 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 TSPYL5 recombinant protein (Position: R24-Q337).
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 MCF-7 cells using anti-TSPYL5 antibody (AAA126579).Overlay histogram showing MCF-7 cells stained with AAA126579 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TSPYL5 Antibody (AAA126579, 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 TSPYL5 using anti-TSPYL5 antibody (AAA126579).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 SH-SY5Y whole cell lysates,Lane 2: human Jurkat whole cell lysates,Lane 3: human K562 whole cell lysates,Lane 4: human U20S 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-TSPYL5 antigen affinity purified polyclonal antibody (#AAA126579) 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 TSPYL5 at approximately 48 kDa. The expected band size for TSPYL5 is at 45 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TSPYL5 antibody	TSPY like 5 is a protein that in humans is encoded by the TSPYL5 gene. Predicted to enable chromatin binding activity and histone binding activity. Involved in several processes, including cellular response to gamma radiation; positive regulation of protein kinase B signaling; and positive regulation of protein ubiquitination. Predicted to be active in chromatin and nucleus.
Product Categories/Family for anti-TSPYL5 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	49410495
NCBI GeneID	85453
NCBI Accession #	NP_277047.2
NCBI GenBank Nucleotide #	NM_033512.2
UniProt Accession #	Q86VY4; Q9C0B3; B3KRF0
Molecular Weight	45,143 Da
NCBI Official Full Name	testis-specific Y-encoded-like protein 5
NCBI Official Synonym Full Names	TSPY-like 5
NCBI Official Symbol	TSPYL5
NCBI Protein Information	testis-specific Y-encoded-like protein 5; TSPY-like protein 5
UniProt Protein Name	Testis-specific Y-encoded-like protein 5
UniProt Gene Name	TSPYL5

UniProt Synonym Gene Names	KIAA1750; TSPY-like protein 5
UniProt Entry Name	TSYL5_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/tspy15-antibody-flow-cytometry-western-blot-elisa/126579>