

Rabbit anti-Human Alpha Taxilin/TXLNA Polyclonal Antibody | anti-TXLNA antibody

Anti-Alpha Taxilin/TXLNA Antibody Picoband

CATALOG # AAA126435	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

Alpha Taxilin/TXLNA; Polyclonal Antibody; Anti-Alpha Taxilin/TXLNA Antibody Picoband; anti-TXLNA 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-TXLNA 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 Alpha Taxilin/TXLNA recombinant protein (Position: M1-A546).
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.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 3. Flow Cytometry analysis of U251 cells using anti-Alpha Taxilin/TXLNA antibody (AAA126435).Overlay histogram showing U251 cells stained with AAA126435 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-Alpha Taxilin/TXLNA Antibody (AAA126435, 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.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of U87 cells using anti-Alpha Taxilin/TXLNA antibody (AAA126435).Overlay histogram showing U87 cells stained with AAA126435 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-Alpha Taxilin/TXLNA Antibody (AAA126435, 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 Alpha Taxilin/TXLNA using anti-Alpha Taxilin/TXLNA antibody (AAA126435). 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: human K562 whole cell lysates, Lane 3: human HepG2 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-Alpha Taxilin/TXLNA antigen affinity purified polyclonal antibody (#AAA126435) 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 Alpha Taxilin/TXLNA at approximately 75 kDa. The expected band size for Alpha Taxilin/TXLNA is at 62 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TXLNA antibody	Alpha-taxilin also known as interleukin-14 (IL-14) or high molecular weight B-cell growth factor (HMW-BCGF) is a protein that in humans is encoded by the TXLNA gene. Predicted to enable syntaxin binding activity. Predicted to be involved in exocytosis. Predicted to act upstream of or within B cell activation. Located in cytoplasm.
Product Categories/Family for anti-TXLNA antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	28302156
NCBI GeneID	200081
UniProt Accession #	P40222; Q5TFJ6; Q66K62; Q86T54; Q86T85; Q86T86; Q86Y86; Q86YW3; Q8N2Y3; D3DPP6
Molecular Weight	61,891 Da
NCBI Official Full Name	TXLNA protein
NCBI Official Synonym Full Names	taxilin alpha
NCBI Official Symbol	TXLNA
NCBI Official Synonym Symbols	IL14; TXLN; RP4-622L5.4
NCBI Protein Information	alpha-taxilin; interleukin 14
UniProt Protein Name	Alpha-taxilin
UniProt Gene Name	TXLNA
UniProt Synonym Gene Names	TXLN
UniProt Entry Name	TXLNA_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.