

## Anti-TTLL8 Antibody Picoband®

Catalog Number: A15489

### About TTLL8

Predicted to enable protein-glycine ligase activity, initiating. Predicted to be involved in several processes, including axoneme assembly; flagellated sperm motility; and protein polyglycylation. Predicted to act upstream of or within cilium assembly. Predicted to be located in cilium. Predicted to be active in axoneme; microtubule cytoskeleton; and sperm flagellum.

### Overview

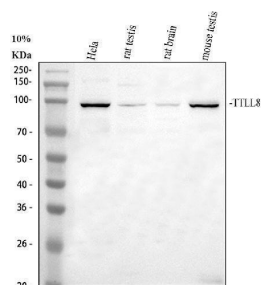
Product Name	Anti-TTLL8 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TTLL8 Antibody Picoband® catalog # A15489. Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	ELISA, Flow Cytometry, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	A6PVC2

### Technical Details

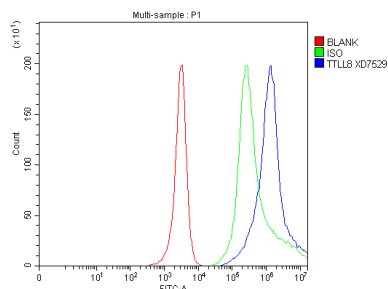
Immunogen	E.coli-derived human TTLL8 recombinant protein (Position: S35-Q485).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 ug/1x10 <sup>5</sup> cells, Human ELISA, 0.1-0.5 ug/ml



## Anti-TTLL8 Antibody Picoband® (A15489) Images



Western blot analysis of TTLL8 using anti-TTLL8 antibody (A15489). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 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: rat testis tissue lysates, Lane 3: rat brain tissue lysates, Lane 4: mouse testis 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-TTLL8 antigen affinity purified polyclonal antibody (A15489) at 0.5 ug/mL overnight at 4°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 ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for TTLL8 at approximately 95 kDa. The expected band size for TTLL8 is at 95 kDa.



Flow Cytometry analysis of Hela cells using anti-TTLL8 antibody (A15489). Overlay histogram showing Hela cells stained with A15489 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TTLL8 Antibody (A15489, 1 ug/1x10<sup>6</sup> cells) for 30 min at 20°C. Fluoro488 conjugated goat anti-rabbit IgG (BA1127, 5-10 ug/1x10<sup>6</sup> cells) was used as secondary antibody for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10<sup>6</sup>) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.

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### Anti-TTLL8 Antibody

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