

## Anti-TTLL9 Antibody Picoband®

Catalog Number: A15284-1

### About TTLL9

Predicted to enable tubulin binding activity and tubulin-glutamic acid ligase activity. Predicted to be involved in flagellated sperm motility and microtubule cytoskeleton organization. Predicted to act upstream of or within protein polyglutamylation. Predicted to be located in cytoplasm; microtubule; and motile cilium. Predicted to be active in ciliary basal body.

### Overview

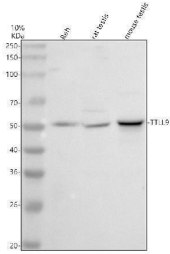
Product Name	Anti-TTLL9 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TTLL9 Antibody Picoband® catalog # A15284-1. Tested in WB, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees 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, 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	Q3SXZ7

### Technical Details

Immunogen	E.coli-derived human TTLL9 recombinant protein (Position: K36-S439). Human TTLL9 shares 83.1% and 84.9% amino acid (aa) sequence identity with mouse and rat TTLL9, respectively.
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 ELISA, 0.1-0.5 ug/ml



## Anti-TTLL9 Antibody Picoband® (A15284-1) Images



Western blot analysis of TTLL9 using anti-TTLL9 antibody (A15284-1). 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 REH whole cell lysates, Lane 2: rat testis tissue lysates, Lane 3: 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-TTLL9 antigen affinity purified polyclonal antibody (A15284-1) 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 TTLL9 at approximately 51 kDa. The expected band size for TTLL9 is at 51 kDa.

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### Anti-TTLL9 Antibody

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