BOSTER BIOLOGICAL TECHNOLOGY
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Anti-PDLIM2 Antibody Picoband®

Catalog Number: A06506-1

About PDLIM2

Enables ubiquitin protein ligase binding activity. Involved in protein catabolic process. Predicted to be located in cortical actin cytoskeleton. Predicted to be part of filamentous actin. Predicted to be active in Z disc; adherens junction; and stress fiber. Is expressed in embryo. Orthologous to human PDLIM2 (PDZ and LIM domain 2).

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Overview

Product Name	Anti-PDLIM2 Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-PDLIM2 Antibody Picoband® catalog # A06506-1. Tested in WB applications. This antibody reacts with 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	WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
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	Q8R1G6

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of mouse PDLIM2. Mouse PDLIM2 shares 87.5% and 100% amino acid (aa) sequence identity with human and rat PDLIM2, respectively.
Form	Lyophilized

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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, Mouse, Rat

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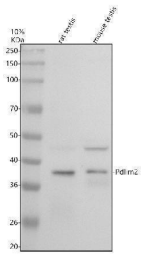
Anti-PDLIM2 Antibody Picoband® (A06506-1) Images



Western blot analysis of PDLIM2 using anti-PDLIM2 antibody (A06506-1). 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: rat testis tissue lysates, Lane 2: 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-PDLIM2 antigen affinity purified polyclonal antibody (A06506-1) 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 PDLIM2 at approximately 37 kDa. The expected band size for PDLIM2 is at 37 kDa.

Anti-PDLIM2 Antibody

For Research Use Only. Not for use in diagnostic procedures.