BOSTER BIOLOGICAL TECHNOLOGY
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Anti-LMCD1 Antibody Picoband®

Catalog Number: A08888-1

About LMCD1

This gene encodes a member of the LIM-domain family of zinc finger proteins. The encoded protein contains an N-terminal cysteine-rich domain and two C-terminal LIM domains. The presence of LIM domains suggests involvement in protein-protein interactions. The protein may act as a co-regulator of transcription along with other transcription factors. Alternate splicing results in multiple transcript variants of this gene.

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Overview

Product Name	Anti-LMCD1 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-LMCD1 Antibody Picoband® catalog # A08888-1. Tested in WB 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	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	Q9NZU5

Technical Details

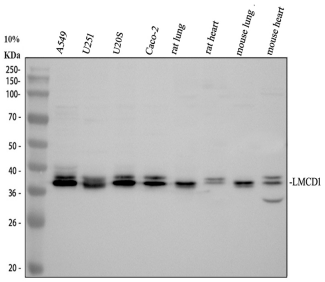
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human LMCD1.(LPIYDQDPSRCRGLLENELK).
Form	Lyophilized

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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, Human, Mouse, Rat

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Anti-LMCD1 Antibody Picoband® (A08888-1) Images



Western blot analysis of LMCD1 using anti-LMCD1 antibody (A08888-1). 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 A549 whole cell lysates, Lane 2: human U251 whole cell lysates, Lane 3: human U2OS whole cell lysates, Lane 4: human Caco-2 whole cell lysates, Lane 5: rat lung tissue lysates, Lane 6: rat heart tissue lysates, Lane 7: mouse lung tissue lysates, Lane 8: mouse heart 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-LMCD1 antigen affinity purified polyclonal antibody (A08888-1) 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 LMCD1 at approximately 38 kDa. The expected band size for LMCD1 is at 41 kDa.

Anti-LMCD1 Antibody

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