BOSTER BIOLOGICAL TECHNOLOGY
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Anti-MTMR1 Antibody Picoband®

Catalog Number: A09863-2

About MTMR1

This gene encodes a member of the myotubularin related family of proteins. Members of this family contain the consensus sequence for the active site of protein tyrosine phosphatases. Alternatively spliced variants have been described but their biological validity has not been determined.

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Overview

Product Name	Anti-MTMR1 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MTMR1 Antibody Picoband® catalog # A09863-2. 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 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	Q13613

Technical Details

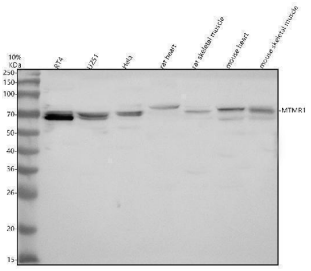
Immunogen	E.coli-derived human MTMR1 recombinant protein (Position: R40-Q191).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

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Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human, Mouse, Rat ELISA, 0.1-0.5 ug/ml

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Anti-MTMR1 Antibody Picoband® (A09863-2) Images



Western blot analysis of MTMR1 using anti-MTMR1 antibody (A09863-2). 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 RT4 whole cell lysates, Lane 2: human U251 whole cell lysates, Lane 3: human Hela whole cell lysates, Lane 4: rat heart tissue lysates, Lane 5: rat skeletal muscle tissue lysates, Lane 6: mouse heart tissue lysates, Lane 7: mouse skeletal muscle 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-MTMR1 antigen affinity purified polyclonal antibody (A09863-2) 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 MTMR1 at approximately 75 kDa. The expected band size for MTMR1 is at 75 kDa.

Anti-MTMR1 Antibody

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