BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Zebrafish MTMR2 Antibody Picoband®

Catalog Number: AZA0JMK5

About MTMR2

Predicted to enable phosphatidylinositol-3,5-bisphosphate 3-phosphatase activity; phosphatidylinositol-3-phosphate phosphatase activity; and protein tyrosine phosphatase activity. Predicted to be involved in phosphatidylinositol dephosphorylation. Predicted to act upstream of or within dephosphorylation and lipid metabolic process. Predicted to be located in cytosol. Predicted to be active in cytoplasm and membrane. Human ortholog(s) of this gene implicated in Charcot-Marie-Tooth disease type 4B1. Orthologous to human MTMR2 (myotubularin related protein 2).

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Overview

Product Name	Anti-Zebrafish MTMR2 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish MTMR2 Antibody Picoband® catalog # AZA0JMK5. Tested in WB applications. This antibody reacts with Zebrafish. 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	A0JMK5

Technical Details

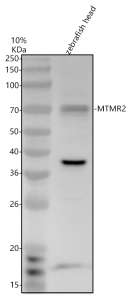
Immunogen	E.coli-derived Zebrafish MTMR2 recombinant protein (Position: R111-Q458).
Form	Lyophilized

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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, Zebrafish

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Anti-Zebrafish MTMR2 Antibody Picoband® (AZA0JMK5) Images



Western blot analysis of MTMR2 using anti-MTMR2 antibody (AZA0JMK5). 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: zebrafish head 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-MTMR2 antigen affinity purified polyclonal antibody (AZA0JMK5) 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 MTMR2 at approximately 71 kDa. The expected band size for MTMR2 is at 71 kDa.

Anti-Zebrafish MTMR2 Antibody

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