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

Anti-Zebrafish MCM7 Antibody Picoband®

Catalog Number: AZQ7ZVL6

About MCM7

Predicted to enable single-stranded DNA binding activity. Predicted to contribute to single-stranded DNA helicase activity. Acts upstream of or within regulation of cilium assembly. Predicted to be located in chromosome. Predicted to be part of MCM complex. Predicted to be active in nucleus. Is expressed in annular ligament; corneal endothelium; and embryonic structure. Orthologous to human MCM7 (minichromosome maintenance complex component 7).

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Overview

Product Name	Anti-Zebrafish MCM7 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish MCM7 Antibody Picoband® catalog # AZQ7ZVL6. 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	Q7ZVL6

Technical Details

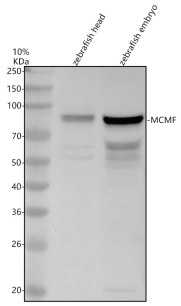
Immunogen	E.coli-derived Zebrafish MCM7 recombinant protein (Position: K96-V721).
Form	Lyophilized

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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 MCM7 Antibody Picoband® (AZQ7ZVL6) Images



Western blot analysis of MCM7 using anti-MCM7 antibody (AZQ7ZVL6). 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 lysates, Lane 2: zebrafish embryo 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-MCM7 antigen affinity purified polyclonal antibody (AZQ7ZVL6) 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 MCM7 at approximately 81 kDa. The expected band size for MCM7 is at 81 kDa.

Anti-Zebrafish MCM7 Antibody

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