

Anti-Zebrafish FABP4A Antibody Picoband®

Catalog Number: AZQ66180

About FABP4A

Predicted to enable fatty acid binding activity. Acts upstream of or within eye development. Predicted to be active in cytosol and nucleus. Is expressed in several structures, including brain; cardiovascular system; eye; immature eye; and pleuroperitoneal region. Orthologous to several human genes including FABP4 (fatty acid binding protein 4) and FABP9 (fatty acid binding protein 9).

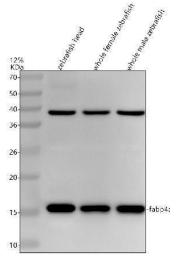
Overview

Product Name	Anti-Zebrafish FABP4A Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish FABP4A Antibody Picoband® catalog # AZQ66180. 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 Na ₂ HPO ₄ .
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	Q66180

Technical Details

Immunogen	E.coli-derived Zebrafish FABP4A recombinant protein (Position: R31-A134).
Form	Lyophilized
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

Anti-Zebrafish FABP4A Antibody Picoband® (AZQ66I80) Images



Western blot analysis of FABP4A using anti-FABP4A antibody (AZQ66I80). Electrophoresis was performed on a 12% 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, Lane 2: whole female zebrafish tissue lysates, Lane 3: whole male zebrafish 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-FABP4A antigen affinity purified polyclonal antibody (AZQ66I80) 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 FABP4A at approximately 15 kDa. The expected band size for FABP4A is at 15 kDa.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Zebrafish FABP4A Antibody

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