

Anti-Zebrafish LDHA Antibody Picoband®

Catalog Number: AZQ9PVK5

About LDHA

Predicted to enable L-lactate dehydrogenase activity. Acts upstream of or within response to hypoxia. Predicted to be located in cytoplasm. Predicted to be active in mitochondrion. Is expressed in several structures, including cardiovascular system; gill; liver; muscle; and nervous system. Orthologous to several human genes including LDHA (lactate dehydrogenase A).

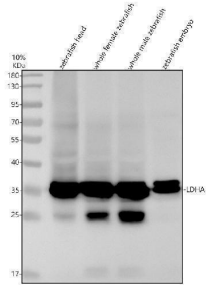
Overview

Product Name	Anti-Zebrafish LDHA Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish LDHA Antibody Picoband® catalog # AZQ9PVK5. 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	Q9PVK5

Technical Details

Immunogen	E.coli-derived Zebrafish LDHA recombinant protein (Position: M1-L332).
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 LDHA Antibody Picoband® (AZQ9PVK5) Images



Western blot analysis of LDHA using anti-LDHA antibody (AZQ9PVK5). 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, Lane 2: whole female zebrafish tissue lysates, Lane 3: whole male zebrafish tissue lysates, Lane 4: zebrafish embryo 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-LDHA antigen affinity purified polyclonal antibody (AZQ9PVK5) 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 LDHA at approximately 36 kDa. The expected band size for LDHA is at 26 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 LDHA Antibody

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