BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Zebrafish LARP6A Antibody Picoband®

Catalog Number: AZQ6PHD4

About LARP6a

Enables RNA binding activity. Acts upstream of or within somitogenesis. Predicted to be part of ribonucleoprotein complex. Predicted to be active in nucleus. Is expressed in several structures, including central nervous system; mesenchymal cell; post-vent region; segmental plate; and trunk. Orthologous to human LARP6 (La ribonucleoprotein 6, translational regulator).

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Overview

Product Name	Anti-Zebrafish LARP6A Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish LARP6A Antibody Picoband® catalog # AZQ6PHD4. 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	Q6PHD4

Technical Details

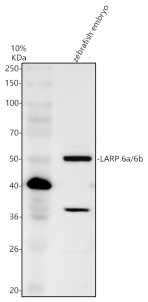
Immunogen	E.coli-derived Zebrafish LARP6A recombinant protein (Position: M1-K109).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Zebrafish

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Anti-Zebrafish LARP6A Antibody Picoband® (AZQ6PHD4) Images



Western blot analysis of LARP6A using anti-LARP6A antibody (AZQ6PHD4). 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 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-LARP6A antigen affinity purified polyclonal antibody (AZQ6PHD4) 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 LARP6A at approximately 53 kDa. The expected band size for LARP6A is at 53 kDa.

Anti-Zebrafish LARP6A Antibody

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