BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish UBA3 Antibody Picoband®

Catalog Number: AZQ7ZVX6

About UBA3

Predicted to enable NEDD8 activating enzyme activity. Predicted to be involved in protein neddylation. Predicted to be active in cytoplasm and nucleus. Is expressed in inner ear. Orthologous to human UBA3 (ubiquitin like modifier activating enzyme 3).

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Overview

Product Name	Anti-Zebrafish UBA3 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish UBA3 Antibody Picoband® catalog # AZQ7ZVX6. 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	Q7ZVX6

Technical Details

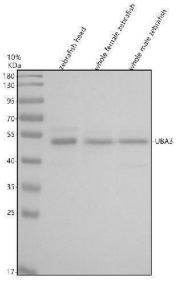
Immunogen	E.coli-derived zebrafish UBA3 recombinant protein (Position: D406-D447).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

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Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Zebrafish

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Anti-Zebrafish UBA3 Antibody Picoband® (AZQ7ZVX6) Images



Western blot analysis of UBA3 using anti-UBA3 antibody (AZQ7ZVX6). 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.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-UBA3 antigen affinity purified polyclonal antibody (AZQ7ZVX6) 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 UBA3 at approximately 52 kDa. The expected band size for UBA3 is at 52 kDa.

Anti-Zebrafish UBA3 Antibody

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