BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish NOXA1 Antibody Picoband®

Catalog Number: AZQ4V9N8

About NOXA1

Predicted to enable superoxide-generating NADPH oxidase activator activity. Predicted to be involved in regulation of hydrogen peroxide metabolic process and superoxide anion generation. Predicted to be located in cytoplasm. Predicted to be part of NADPH oxidase complex. Orthologous to human NOXA1 (NADPH oxidase activator 1).

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Overview

Product Name	Anti-Zebrafish NOXA1 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish NOXA1 Antibody Picoband® catalog # AZQ4V9N8. 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	Q4V9N8

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of Zebrafish NOXA1.(CSFNACSSAEFEYWINI).
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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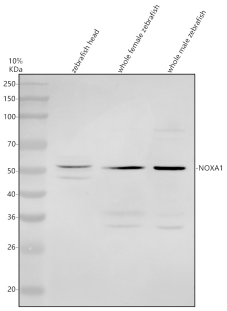
Anti-Zebrafish NOXA1 Antibody Picoband® (AZQ4V9N8) Images



Western blot analysis of NOXA1 using anti-NOXA1 antibody (AZQ4V9N8). 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 lysates, Lane 3: whole male zebrafish 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-NOXA1 antigen affinity purified polyclonal antibody (AZQ4V9N8) 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 NOXA1 at approximately 52 kDa. The expected band size for NOXA1 is at 31 kDa.

Anti-Zebrafish NOXA1 Antibody

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