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

Anti-Zebrafish EPOR Antibody Picoband®

Catalog Number: AZQ2VBQ8

About EPOR

Predicted to enable cytokine receptor activity. Acts upstream of or within hemopoiesis and pronephros development. Predicted to be located in plasma membrane. Predicted to be active in external side of plasma membrane. Is expressed in several structures, including digestive system; hematopoietic cell; hematopoietic system; kidney; and lateral plate mesoderm. Human ortholog(s) of this gene implicated in anemia; familial erythrocytosis 1; high grade glioma; polycythemia; and systemic lupus erythematosus. Orthologous to human EPOR (erythropoietin receptor).

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Overview

Product Name	Anti-Zebrafish EPOR Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish EPOR Antibody Picoband® catalog # AZQ2VBQ8. 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	Q2VBQ8

Technical Details

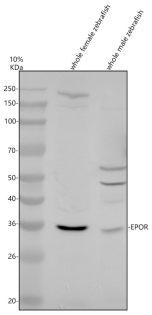
Immunogen	E.coli-derived Zebrafish EPOR recombinant protein (Position: E28-Y509).
Form	Lyophilized

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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 EPOR Antibody Picoband® (AZQ2VBQ8) Images



Western blot analysis of EPOR using anti-EPOR antibody (AZQ2VBQ8). 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: whole female zebrafish lysates, Lane 2: 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-EPOR antigen affinity purified polyclonal antibody (AZQ2VBQ8) 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 EPOR at approximately 37 kDa. The expected band size for EPOR is at 37 kDa.

Anti-Zebrafish EPOR Antibody

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