BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Zebrafish XPO1A/B Antibody Picoband®

Catalog Number: AZE7F0E8

About XPO1A/B

Predicted to enable nuclear export signal receptor activity. Acts upstream of or within brain development. Predicted to be active in cytoplasm and nucleus. Human ortholog(s) of this gene implicated in colorectal cancer; gastric adenocarcinoma; hepatocellular carcinoma; and lung non-small cell carcinoma. Orthologous to human XPO1 (exportin 1).

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Overview

Product Name	Anti-Zebrafish XPO1A/B Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish XPO1A/B Antibody Picoband® catalog # AZE7F0E8. 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	E7F0E8/A0A8M9PPG9

Technical Details

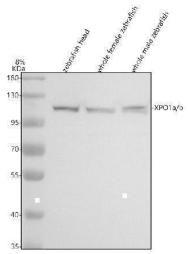
Immunogen	E.coli-derived zebrafish XPO1A/B recombinant protein (Position: H988-L1054).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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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 XPO1A/B Antibody Picoband® (AZE7F0E8) Images



Western blot analysis of XPO1A/B using anti-XPO1A/B antibody (AZE7F0E8). Electrophoresis was performed on a 8% 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-XPO1A/B antigen affinity purified polyclonal antibody (AZE7F0E8) 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 XPO1A/B at approximately 110 kDa. The expected band size for XPO1A/B is at 123 kDa.

Anti-Zebrafish XPO1A/B Antibody

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