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

Anti-Zebrafish NFATC2A Antibody Picoband®

Catalog Number: AZA0A8M9P5M3

About NFATC2A

Predicted to enable DNA-binding transcription factor activity, RNA polymerase II-specific and RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Predicted to be involved in calcineurin-NFAT signaling cascade and positive regulation of transcription by RNA polymerase II. Predicted to be located in cytoplasm. Predicted to be part of transcription regulator complex. Predicted to be active in nucleus. Orthologous to human NFATC2 (nuclear factor of activated T cells 2).

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Overview

Product Name	Anti-Zebrafish NFATC2A Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish NFATC2A Antibody Picoband® catalog # AZA0A8M9P5M3. 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	A0A8M9P5M3

Technical Details

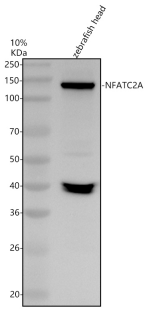
Immunogen	E.coli-derived Zebrafish NFATC2A recombinant protein (Position: M1-Q824).
Form	Lyophilized

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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 NFATC2A Antibody Picoband® (AZA0A8M9P5M3) Images



Western blot analysis of NFATC2A using anti-NFATC2A antibody (AZA0A8M9P5M3). 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 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-NFATC2A antigen affinity purified polyclonal antibody (AZA0A8M9P5M3) 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 NFATC2A at approximately 150 kDa. The expected band size for NFATC2A is at 98 kDa.

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