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

Anti-Zebrafish Nor1/NR4A3 Antibody Picoband®

Catalog Number: AZA0A8M3AQK6

About NR4A3

Predicted to enable DNA-binding transcription factor activity, RNA polymerase II-specific; RNA polymerase II cis-regulatory region sequence-specific DNA binding activity; and nuclear glucocorticoid receptor binding activity. Acts upstream of or within neutrophil homeostasis. Predicted to be located in cytoplasm. Predicted to be part of transcription regulator complex. Predicted to be active in nucleus. Is expressed in basal plate midbrain region; brain; neurons; and spinal cord. Human ortholog(s) of this gene implicated in extraskeletal myxoid chondrosarcoma. Orthologous to human NR4A3 (nuclear receptor subfamily 4 group A member 3).

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Overview

Product Name	Anti-Zebrafish Nor1/NR4A3 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish Nor1/NR4A3 Antibody Picoband® catalog # AZA0A8M3AQK6. 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	A0A8M3AQK6

Technical Details

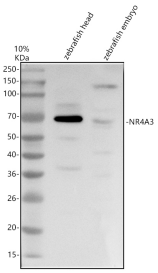
Immunogen	E.coli-derived Zebrafish Nor1/NR4A3 recombinant protein (Position: Y29-R491).
Form	Lyophilized

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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 Nor1/NR4A3 Antibody Picoband® (AZA0A8M3AQK6) Images



Western blot analysis of Nor1/NR4A3 using anti-Nor1/NR4A3 antibody (AZA0A8M3AQK6). 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, Lane 2: zebrafish embryo 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-Nor1/NR4A3 antigen affinity purified polyclonal antibody (AZA0A8M3AQK6) 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 Nor1/NR4A3 at approximately 68 kDa. The expected band size for Nor1/NR4A3 is at 68 kDa.

Anti-Zebrafish Nor1/NR4A3 Antibody

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