BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish SF3B4 Antibody Picoband®

Catalog Number: AZQ6NWB3

About SF3B4

Predicted to enable RNA binding activity. Acts upstream of or within regulation of retina development in camera-type eye and visual behavior. Predicted to be located in nucleus. Predicted to be part of U2 snRNP and precatalytic spliceosome. Is expressed in head. Human ortholog(s) of this gene implicated in Nager acrofacial dysostosis; cervical cancer; and hepatocellular carcinoma. Orthologous to human SF3B4 (splicing factor 3b subunit 4).

Overview

Product Name	Anti-Zebrafish SF3B4 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish SF3B4 Antibody Picoband® catalog # AZQ6NWB3. 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	Q6NWB3

Technical Details

Immunogen	E.coli-derived zebrafish SF3B4 recombinant protein (Position: M1-A214).
Form	Lyophilized
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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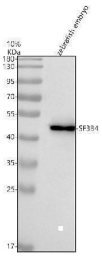
Anti-Zebrafish SF3B4 Antibody Picoband® (AZQ6NWB3) Images



Western blot analysis of SF3B4 using anti-SF3B4 antibody (AZQ6NWB3). 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 embryo 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-SF3B4 antigen affinity purified polyclonal antibody (AZQ6NWB3) 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 SF3B4 at approximately 49 kDa. The expected band size for SF3B4 is at 49 kDa.

Anti-Zebrafish SF3B4 Antibody

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