BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish TNFRSF1B Antibody Picoband®

Catalog Number: AZF1RAS9

About TNFRSF1B

Predicted to enable signaling receptor activity. Acts upstream of or within several processes, including hematopoietic stem cell differentiation; positive regulation of hematopoietic stem cell differentiation; and regulation of non-canonical NF-kappaB signal transduction. Is active in plasma membrane. Is expressed in several structures, including head; head mesenchyme; hematopoietic system; osteoclast; and scale. Used to study psoriasis. Human ortholog(s) of this gene implicated in several diseases, including Parkinsonism; acne; bone disease (multiple); glomerulonephritis (multiple); and lung disease (multiple). Orthologous to several human genes including TNFRSF1B (TNF receptor superfamily member 1B).

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Overview

Product Name	Anti-Zebrafish TNFRSF1B Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish TNFRSF1B Antibody Picoband® catalog # AZF1RAS9. 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	F1RAS9

Technical Details

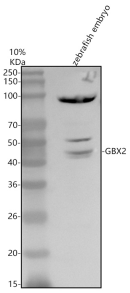
Immunogen	E.coli-derived Zebrafish TNFRSF1B recombinant protein (Position: R59-Y425).
Form	Lyophilized

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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 TNFRSF1B Antibody Picoband® (AZF1RAS9) Images



Western blot analysis of TNFRSF1B using anti-TNFRSF1B antibody (AZF1RAS9). 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-TNFRSF1B antigen affinity purified polyclonal antibody (AZF1RAS9) 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 TNFRSF1B at approximately 46 kDa. The expected band size for TNFRSF1B is at 46 kDa.

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