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

Anti-Zebrafish OSMR Antibody Picoband®

Catalog Number: AZA0A8M9PZC1

About OSMR

Predicted to enable cytokine binding activity and cytokine receptor activity. Predicted to be involved in cytokine-mediated signaling pathway and positive regulation of cell population proliferation. Predicted to be part of signaling receptor complex. Predicted to be active in external side of plasma membrane. Human ortholog(s) of this gene implicated in primary localized cutaneous amyloidosis 1. Orthologous to human OSMR (oncostatin M receptor).

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Overview

Product Name	Anti-Zebrafish OSMR Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish OSMR Antibody Picoband® catalog # AZA0A8M9PZC1. 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	A0A8M9PZC1

Technical Details

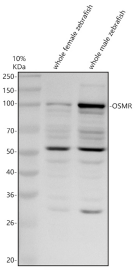
Immunogen	E.coli-derived Zebrafish OSMR recombinant protein (Position: N32-E509).
Form	Lyophilized

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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 OSMR Antibody Picoband® (AZA0A8M9PZC1) Images



Western blot analysis of OSMR using anti-OSMR antibody (AZA0A8M9PZC1). 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: whole female zebrafish lysates, Lane 2: whole male zebrafish 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-OSMR antigen affinity purified polyclonal antibody (AZA0A8M9PZC1) 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 OSMR at approximately 97 kDa. The expected band size for OSMR is at 97 kDa.

Anti-Zebrafish OSMR Antibody

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