BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Zebrafish ESRP1 Antibody Picoband®

Catalog Number: AZA1L1G1

About ESRP1

Predicted to enable mRNA binding activity. Acts upstream of or within cranial skeletal system development and hard palate morphogenesis. Predicted to be located in nucleus. Predicted to be part of ribonucleoprotein complex. Predicted to be active in nucleoplasm. Is expressed in several structures, including EVL; digestive system; ectoderm; median fin fold; and pharyngeal arch cartilage. Human ortholog(s) of this gene implicated in autosomal recessive nonsyndromic deafness 109. Orthologous to human ESRP1 (epithelial splicing regulatory protein 1).

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Overview

Product Name	Anti-Zebrafish ESRP1 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish ESRP1 Antibody Picoband® catalog # AZA1L1G1. 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	A1L1G1

Technical Details

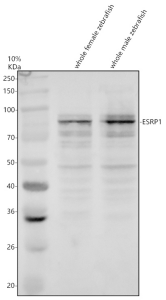
Immunogen	E.coli-derived Zebrafish ESRP1 recombinant protein (Position: S25-V703).
Form	Lyophilized

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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 ESRP1 Antibody Picoband® (AZA1L1G1) Images



Western blot analysis of ESRP1 using anti-ESRP1 antibody (AZA1L1G1). 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-ESRP1 antigen affinity purified polyclonal antibody (AZA1L1G1) 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 ESRP1 at approximately 78 kDa. The expected band size for ESRP1 is at 78 kDa.

Anti-Zebrafish ESRP1 Antibody

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