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

Anti-Zebrafish MITFA Antibody Picoband®

Catalog Number: AZQ9PWC2

About MITFA

Enables DNA-binding transcription factor activity, RNA polymerase II-specific. Acts upstream of or within several processes, including cellular response to tumor cell; closure of optic fissure; and positive regulation of melanocyte differentiation. Predicted to be located in nucleoplasm. Predicted to be active in nucleus. Is expressed in several structures, including immature eye; iridoblast; melanoblast; neural crest; and pigment cell. Human ortholog(s) of this gene implicated in Tietz syndrome; Tietze's syndrome; Waardenburg syndrome; Waardenburg syndrome type 2A; and familial melanoma. Orthologous to human MITF (melanocyte inducing transcription factor).

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-Zebrafish MITFA Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish MITFA Antibody Picoband® catalog # AZQ9PWC2. 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	Q9PWC2

Technical Details

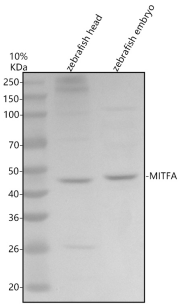
Immunogen	E.coli-derived Zebrafish MITFA recombinant protein (Position: E91-L379).
Form	Lyophilized

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

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

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

Anti-Zebrafish MITFA Antibody Picoband® (AZQ9PWC2) Images



Western blot analysis of MITFA using anti-MITFA antibody (AZQ9PWC2). 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-MITFA antigen affinity purified polyclonal antibody (AZQ9PWC2) 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 MITFA at approximately 45 kDa. The expected band size for MITFA is at 45 kDa.

Anti-Zebrafish MITFA Antibody

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