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

Anti-Zebrafish GHRHRA Antibody Picoband®

Catalog Number: AZB4XV21

About GHRHRA

Enables growth hormone-releasing hormone receptor activity. Acts upstream of or within adenylate cyclase-modulating G protein-coupled receptor signaling pathway. Predicted to be located in membrane. Predicted to be active in plasma membrane. Is expressed in several structures, including eye; gill; gut; heart; and pleuroperitoneal region. Human ortholog(s) of this gene implicated in isolated growth hormone deficiency and isolated growth hormone deficiency type IB. Orthologous to human GHRHR (growth hormone releasing hormone receptor).

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 GHRHRA Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish GHRHRA Antibody Picoband® catalog # AZB4XV21. 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	B4XV21

Technical Details

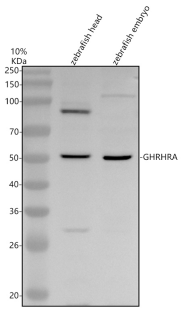
Immunogen	E.coli-derived Zebrafish GHRHRA recombinant protein (Position: I19-V432).
Form	Lyophilized

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 GHRHRA Antibody Picoband® (AZB4XV21) Images



Western blot analysis of GHRHRA using anti-GHRHRA antibody (AZB4XV21). 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 tissue lysates, Lane 2: 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-GHRHRA antigen affinity purified polyclonal antibody (AZB4XV21) 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 GHRHRA at approximately 49 kDa. The expected band size for GHRHRA is at 49 kDa.

Anti-Zebrafish GHRHRA Antibody

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