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

Anti-Zebrafish PKMA Antibody Picoband®

Catalog Number: AZA0A8M1PBF2

About PKMA

Predicted to enable pyruvate kinase activity. Predicted to be involved in cellular response to insulin stimulus and glycolytic process. Predicted to be active in cytoplasm. Is expressed in several structures, including nervous system; neural tube; otic vesicle; pericardial region; and solid lens vesicle. Orthologous to human PKM (pyruvate kinase M1/2).

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Overview

Product Name	Anti-Zebrafish PKMA Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish PKMA Antibody Picoband® catalog # AZA0A8M1PBF2. 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	A0A8M1PBF2

Technical Details

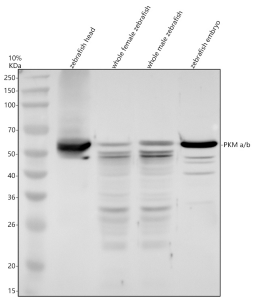
Immunogen	E.coli-derived Zebrafish PKMA recombinant protein (Position: N139-D289).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Zebrafish

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Anti-Zebrafish PKMA Antibody Picoband® (AZA0A8M1PBF2) Images



Western blot analysis of PKMA using anti-PKMA antibody (AZA0A8M1PBF2). 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: whole female zebrafish lysates, Lane 3: whole male zebrafish lysates, Lane 4: 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-PKMA antigen affinity purified polyclonal antibody (AZA0A8M1PBF2) 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 PKMA at approximately 60 kDa. The expected band size for PKMA is at 60 kDa.

Anti-Zebrafish PKMA Antibody

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