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

Anti-Zebrafish TARDBPa/b Antibody Picoband®

Catalog Number: AZA0A8M9PSZ1

About TARDBPa/b

Predicted to enable RNA binding activity. Acts upstream of or within several processes, including axon extension; neuromuscular junction development; and skeletal muscle tissue development. Predicted to be located in mitochondrion and nucleus. Predicted to be active in chromatin and nucleoplasm. Is expressed in brain and fin. Human ortholog(s) of this gene implicated in Parkinson's disease; amyotrophic lateral sclerosis; amyotrophic lateral sclerosis type 10; and motor neuron disease. Orthologous to human TARDBP (TAR DNA binding protein).

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Overview

Product Name	Anti-Zebrafish TARDBPa/b Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish TARDBPa/b Antibody Picoband® catalog # AZA0A8M9PSZ1. 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	A0A8M9PSZ1/Q802C7

Technical Details

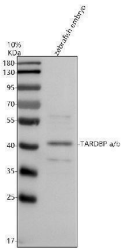
Immunogen	E.coli-derived zebrafish TARDBPa/b recombinant protein (Position: T2-H265).
Form	Lyophilized

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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 TARDBPa/b Antibody Picoband® (AZA0A8M9PSZ1) Images



Western blot analysis of TARDBPa/b using anti-TARDBPa/b antibody (AZA0A8M9PSZ1). 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 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-TARDBPa/b antigen affinity purified polyclonal antibody (AZA0A8M9PSZ1) 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 TARDBPa/b at approximately 45 kDa. The expected band size for TARDBPa/b is at 45 kDa.

Anti-Zebrafish TARDBPa/b Antibody

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