BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish GDAP1 Antibody Picoband®

Catalog Number: AZQ78AN2

About GDAP1

Acts upstream of or within neuron projection development. Predicted to be located in membrane. Predicted to be active in mitochondrial outer membrane. Is expressed in central nervous system and cranial ganglion. Human ortholog(s) of this gene implicated in Charcot-Marie-Tooth disease axonal type 2C; Charcot-Marie-Tooth disease axonal type 2K; Charcot-Marie-Tooth disease recessive intermediate A; Charcot-Marie-Tooth disease type 4A; and autosomal recessive axonal Charcot-Marie-Tooth disease with vocal cord paresis. Orthologous to human GDAP1 (ganglioside induced differentiation associated protein 1).

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Overview

Product Name	Anti-Zebrafish GDAP1 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish GDAP1 Antibody Picoband® catalog # AZQ78AN2. 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	Q78AN2

Technical Details

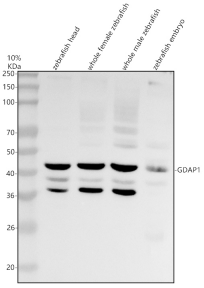
Immunogen	E.coli-derived Zebrafish GDAP1 recombinant protein (Position: M83-A252).
Form	Lyophilized

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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 GDAP1 Antibody Picoband® (AZQ78AN2) Images



Western blot analysis of GDAP1 using anti-GDAP1 antibody (AZQ78AN2). 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 tissue lysates, Lane 3: whole male zebrafish tissue lysates, Lane 4: 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-GDAP1 antigen affinity purified polyclonal antibody (AZQ78AN2) 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 GDAP1 at approximately 41 kDa. The expected band size for GDAP1 is at 41 kDa.

Anti-Zebrafish GDAP1 Antibody

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