

Anti-Zebrafish CCNG1 Antibody Picoband®

Catalog Number: AZQ7ZTX1

About CCNG1

Predicted to enable cyclin-dependent protein serine/threonine kinase regulator activity. Predicted to be involved in G1/S transition of mitotic cell cycle. Predicted to act upstream of or within cell division. Predicted to be part of cyclin-dependent protein kinase holoenzyme complex. Predicted to be active in cytoplasm and nucleus. Is expressed in several structures, including digestive system; immature eye; male organism; musculature system; and nervous system. Human ortholog(s) of this gene implicated in endocrine gland cancer (multiple); localized osteosarcoma; ovarian cancer (multiple); and sarcoma. Orthologous to human CCNG1 (cyclin G1).

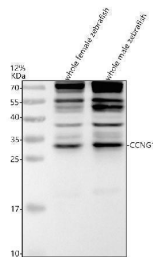
Overview

Product Name	Anti-Zebrafish CCNG1 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish CCNG1 Antibody Picoband® catalog # AZQ7ZTX1. 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 Na ₂ HPO ₄ .
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	Q7ZTX1

Technical Details

Immunogen	E.coli-derived Zebrafish CCNG1 recombinant protein (Position: D22-K251).
Form	Lyophilized
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

Anti-Zebrafish CCNG1 Antibody Picoband® (AZQ7ZTX1) Images



Western blot analysis of CCNG1 using anti-CCNG1 antibody (AZQ7ZTX1). Electrophoresis was performed on a 12% 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: whole female zebrafish tissue lysates, Lane 2: whole male zebrafish 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-CCNG1 antigen affinity purified polyclonal antibody (AZQ7ZTX1) 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 CCNG1 at approximately 34 kDa. The expected band size for CCNG1 is at 18 kDa.

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Anti-Zebrafish CCNG1 Antibody

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