

Anti-Zebrafish FZD2 Antibody Picoband®

Catalog Number: AZQ90YL7

About FZD2

Predicted to enable Wnt receptor activity and Wnt-protein binding activity. Acts upstream of or within several processes, including Wnt signaling pathway, calcium modulating pathway; heart development; and sensory epithelium regeneration. Located in plasma membrane. Is expressed in several structures, including cardiovascular system; fin; head; head mesenchyme; and mesoderm. Human ortholog(s) of this gene implicated in omodysplasia 2. Orthologous to human FZD2 (frizzled class receptor 2).

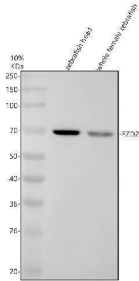
Overview

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| Product Name | Anti-Zebrafish FZD2 Antibody Picoband® |
| Reactive Species | Zebrafish |
| Description | Boster Bio Anti-Zebrafish FZD2 Antibody Picoband® catalog # AZQ90YL7. 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 | Q90YL7 |

Technical Details

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| Immunogen | E.coli-derived Zebrafish FZD2 recombinant protein (Position: E134-V550). |
| 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 FZD2 Antibody Picoband® (AZQ90YL7) Images



Western blot analysis of FZD2 using anti-FZD2 antibody (AZQ90YL7). 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. 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-FZD2 antigen affinity purified polyclonal antibody (AZQ90YL7) 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 FZD2 at approximately 70 kDa. The expected band size for FZD2 is at 63 kDa.

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Anti-Zebrafish FZD2 Antibody

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