BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish FASLG Antibody Picoband®

Catalog Number: AZQ0PKX7

About FASLG

Predicted to enable cytokine activity. Acts upstream of or within notochord development. Predicted to be located in membrane. Predicted to be active in extracellular space. Is expressed in brain; digestive system; eye; notochord; and ovary. Human ortholog(s) of this gene implicated in several diseases, including cholangiocarcinoma; chronic myeloid leukemia; diabetes mellitus (multiple); pancreatic cancer (multiple); and pre-eclampsia (multiple). Orthologous to human FASLG (Fas ligand).

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Overview

Product Name	Anti-Zebrafish FASLG Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish FASLG Antibody Picoband® catalog # AZQ0PKX7. 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	Q0PKX7

Technical Details

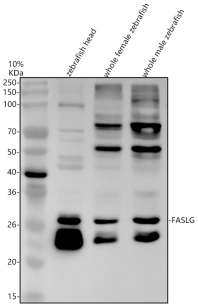
Immunogen	E.coli-derived Zebrafish FASLG recombinant protein (Position: H7-N260).
Form	Lyophilized

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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 FASLG Antibody Picoband® (AZQ0PKX7) Images



Western blot analysis of FASLG using anti-FASLG antibody (AZQ0PKX7). 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.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-FASLG antigen affinity purified polyclonal antibody (AZQ0PKX7) 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 FASLG at approximately 30 kDa. The expected band size for FASLG is at 30 kDa.

Anti-Zebrafish FASLG Antibody

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