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

Anti-Zebrafish TSG101a/b Antibody Picoband®

Catalog Number: AZQ6IQ70

About TSG101a/b

Predicted to enable ubiquitin binding activity. Predicted to be involved in endosome to lysosome transport. Predicted to act upstream of or within protein modification process. Predicted to be located in endosome. Predicted to be part of ESCRT I complex. Human ortholog(s) of this gene implicated in breast cancer; breast carcinoma; cervix carcinoma; endometrial adenocarcinoma; and prostate cancer. Orthologous to human TSG101 (tumor susceptibility 101).

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Overview

Product Name	Anti-Zebrafish TSG101a/b Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish TSG101a/b Antibody Picoband® catalog # AZQ6IQ70. 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	Q6IQ70/E7F4Y8

Technical Details

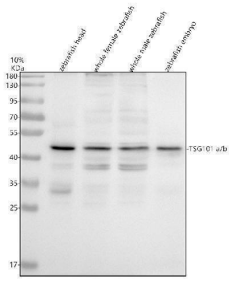
Immunogen	E.coli-derived zebrafish TSG101a/b recombinant protein (Position: G222-S275).
Form	Lyophilized

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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 TSG101a/b Antibody Picoband® (AZQ6IQ70) Images



Western blot analysis of TSG101a/b using anti-TSG101a/b antibody (AZQ6IQ70). 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-TSG101a/b antigen affinity purified polyclonal antibody (AZQ6IQ70) 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 TSG101a/b at approximately 44 kDa. The expected band size for TSG101a/b is at 44 kDa.

Anti-Zebrafish TSG101a/b Antibody

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