

## Anti-Zebrafish RAB4Aa Antibody Picoband®

Catalog Number: AZQ6PHI9

### About RAB4a

This gene is a member of the largest group in the Ras superfamily of small GTPases, which regulate membrane trafficking. The encoded protein is associated with early endosomes and is involved in their sorting and recycling. The protein also plays a role in regulating the recycling of receptors from endosomes to the plasma membrane. Alternatively spliced transcript variants have been observed for this gene.

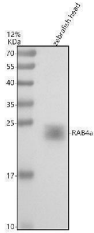
### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-Zebrafish RAB4Aa Antibody Picoband®  |
| Reactive Species     | Zebrafish   |
| Description          | Boster Bio Anti-Zebrafish RAB4Aa Antibody Picoband® catalog # AZQ6PHI9. 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 <sub>2</sub> HPO <sub>4</sub> .   |
| 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           | Q6PHI9  |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived zebrafish RAB4Aa recombinant protein (Position: D105-C213). |
| 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 RAB4Aa Antibody Picoband® (AZQ6PHI9) Images



Western blot analysis of RAB4a using anti-RAB4a antibody (AZQ6PHI9). 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: zebrafish head 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-RAB4a antigen affinity purified polyclonal antibody (AZQ6PHI9) 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 RAB4a at approximately 24 kDa. The expected band size for RAB4a is at 24 kDa.

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### Anti-Zebrafish RAB4Aa Antibody

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