

Anti-Zebrafish KIF2C Antibody Picoband®

Catalog Number: AZB0S7G2

About KIF2C

Predicted to enable ATP hydrolysis activity; microtubule binding activity; and microtubule motor activity. Acts upstream of or within hematopoietic stem cell homeostasis. Predicted to be located in cytoskeleton; kinetochore; and nucleus. Predicted to be part of kinesin complex. Predicted to be active in cytoplasm and microtubule cytoskeleton. Orthologous to human KIF2C (kinesin family member 2C).

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Overview

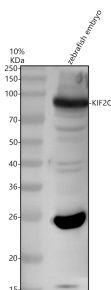
Product Name	Anti-Zebrafish KIF2C Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish KIF2C Antibody Picoband® catalog # AZB0S7G2. Tested in WB applications. This antibody reacts with Zebrafish. The brand Picoband indicates this is a premium antibody that guarantees superior 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	B0S7G2

Technical Details

Immunogen	E.coli-derived Zebrafish KIF2C recombinant protein (Position: K51-R686).
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 KIF2C Antibody Picoband® (AZB0S7G2) Images



Western blot analysis of KIF2C using anti-KIF2C antibody (AZB0S7G2). 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 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-KIF2C antigen affinity purified polyclonal antibody (AZB0S7G2) 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 KIF2C at approximately 78 kDa. The expected band size for KIF2C is at 78 kDa.

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