

## Anti-Zebrafish CCN2A Antibody Picoband®

Catalog Number: AZQ5RI33

### About CCN2A

Predicted to enable heparin binding activity and integrin binding activity. Acts upstream of or within with a negative effect on definitive hemopoiesis. Acts upstream of or within several processes, including chordate embryonic development; endoderm development; and notochord development. Predicted to be located in extracellular region. Predicted to be active in extracellular matrix and extracellular space. Is expressed in several structures, including digestive system; fin; head; mesoderm; and spinal cord. Human ortholog(s) of this gene implicated in spondyloepimetaphyseal dysplasia, Li-Shao-Li type. Orthologous to human CCN2 (cellular communication network factor 2).

### Overview

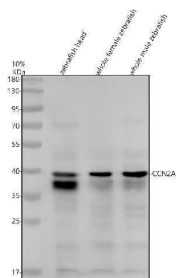
Product Name	Anti-Zebrafish CCN2A Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish CCN2A Antibody Picoband® catalog # AZQ5RI33. Tested in WB applications. This antibody reacts with Zebrafish. The brand Picoband indicates this is a premium antibody that guarantees superior 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	Q5RI33

### Technical Details

Immunogen	E.coli-derived Zebrafish CCN2A recombinant protein (Position: A57-A345).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 µg/ml, Zebrafish



## Anti-Zebrafish CCN2A Antibody Picoband® (AZQ5RI33) Images



Western blot analysis of CCN2A using anti-CCN2A antibody (AZQ5RI33). 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-CCN2A antigen affinity purified polyclonal antibody (AZQ5RI33) 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 CCN2A at approximately 38 kDa. The expected band size for CCN2A is at 38 kDa.

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### Anti-Zebrafish CCN2A Antibody

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