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

Anti-Zebrafish NUP205 Antibody Picoband®

Catalog Number: AZF1QJ18

About NUP205

Predicted to be a structural constituent of nuclear pore. Predicted to be involved in nuclear pore organization. Predicted to be located in nucleus. Predicted to be part of nuclear pore inner ring. Human ortholog(s) of this gene implicated in nephrotic syndrome type 13. Orthologous to human NUP205 (nucleoporin 205).

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Overview

Product Name	Anti-Zebrafish NUP205 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish NUP205 Antibody Picoband® catalog # AZF1QJ18. 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	F1QJ18

Technical Details

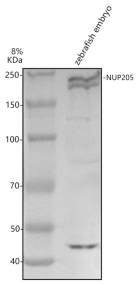
Immunogen	E.coli-derived Zebrafish NUP205 recombinant protein (Position: D380-K1231).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Zebrafish

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Anti-Zebrafish NUP205 Antibody Picoband® (AZF1QJ18) Images



Western blot analysis of NUP205 using anti-NUP205 antibody (AZF1QJ18). Electrophoresis was performed on a 8% 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 embryo 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-NUP205 antigen affinity purified polyclonal antibody (AZF1QJ18) 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 NUP205 at approximately 220 kDa. The expected band size for NUP205 is at 220 kDa.

Anti-Zebrafish NUP205 Antibody

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