BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Zebrafish NPRL3 Antibody Picoband®

Catalog Number: AZA0A8M1N6Y7

About NPRL3

Predicted to be involved in cellular response to amino acid starvation; negative regulation of TORC1 signaling; and positive regulation of autophagy. Predicted to be part of GATOR1 complex. Human ortholog(s) of this gene implicated in familial focal epilepsy with variable foci 3. Orthologous to human NPRL3 (NPR3 like, GATOR1 complex subunit).

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Overview

Product Name	Anti-Zebrafish NPRL3 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish NPRL3 Antibody Picoband® catalog # AZA0A8M1N6Y7. 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	A0A8M1N6Y7

Technical Details

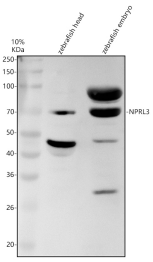
Immunogen	E.coli-derived Zebrafish NPRL3 recombinant protein (Position: M1-D211).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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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 NPRL3 Antibody Picoband® (AZA0A8M1N6Y7) Images



Western blot analysis of NPRL3 using anti-NPRL3 antibody (AZA0A8M1N6Y7). 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 lysates, Lane 2: 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-NPRL3 antigen affinity purified polyclonal antibody (AZA0A8M1N6Y7) 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 NPRL3 at approximately 70 kDa. The expected band size for NPRL3 is at 70 kDa.

Anti-Zebrafish NPRL3 Antibody

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