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

Anti-Zebrafish iPLA2/PLA2G6 Antibody Picoband®

Catalog Number: AZA0A8N1Z3X8

About PLA2G6

Predicted to enable A2-type glycerophospholipase activity and long-chain fatty acyl-CoA hydrolase activity. Predicted to be involved in cardiolipin acyl-chain remodeling and positive regulation of ceramide biosynthetic process. Predicted to be active in mitochondrion. Is expressed in several structures, including eye; heart; liver; muscle; and ovary. Human ortholog(s) of this gene implicated in dystonia 12; neuroaxonal dystrophy; and neurodegenerative disease (multiple). Orthologous to human PLA2G6 (phospholipase A2 group VI).

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Overview

Product Name	Anti-Zebrafish iPLA2/PLA2G6 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish iPLA2/PLA2G6 Antibody Picoband® catalog # AZA0A8N1Z3X8. 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	A0A8N1Z3X8

Technical Details

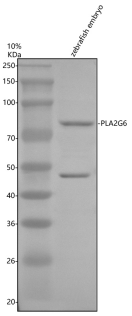
Immunogen	E.coli-derived Zebrafish iPLA2/PLA2G6 recombinant protein (Position: N20-L818).
Form	Lyophilized

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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

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Anti-Zebrafish iPLA2/PLA2G6 Antibody Picoband® (AZA0A8N1Z3X8) Images



Western blot analysis of iPLA2/PLA2G6 using anti-iPLA2/PLA2G6 antibody (AZA0A8N1Z3X8). 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 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-iPLA2/PLA2G6 antigen affinity purified polyclonal antibody (AZA0A8N1Z3X8) 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 iPLA2/PLA2G6 at approximately 90 kDa. The expected band size for iPLA2/PLA2G6 is at 90 kDa.

Anti-Zebrafish iPLA2/PLA2G6 Antibody

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