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

Anti-Zebrafish GNMT Antibody Picoband®

Catalog Number: AZQ6P607

About GNMT

Predicted to enable cation binding activity; glycine N-methyltransferase activity; and identical protein binding activity. Predicted to be involved in several processes, including non-proteinogenic amino acid metabolic process; protein homotetramerization; and regulation of gluconeogenesis. Predicted to act upstream of or within methylation. Predicted to be active in cytosol. Is expressed in spinal cord. Human ortholog(s) of this gene implicated in glycine N-methyltransferase deficiency. Orthologous to human GNMT (glycine N-methyltransferase).

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Overview

Product Name	Anti-Zebrafish GNMT Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish GNMT Antibody Picoband® catalog # AZQ6P607. 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	Q6P607

Technical Details

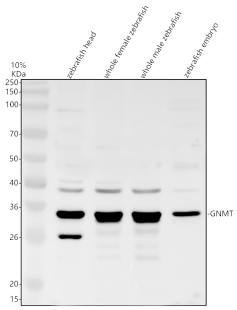
Immunogen	E.coli-derived Zebrafish GNMT recombinant protein (Position: F80-A294).
Form	Lyophilized

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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 GNMT Antibody Picoband® (AZQ6P607) Images



Western blot analysis of GNMT using anti-GNMT antibody (AZQ6P607). 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, 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-GNMT antigen affinity purified polyclonal antibody (AZQ6P607) 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 GNMT at approximately 33 kDa. The expected band size for GNMT is at 33 kDa.

Anti-Zebrafish GNMT Antibody

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