

Anti-Zebrafish DUT Antibody Picoband®

Catalog Number: AZA0A8M9P120

About DUT

Predicted to enable dUTP diphosphatase activity and magnesium ion binding activity. Predicted to be involved in dUMP biosynthetic process and dUTP catabolic process. Predicted to act upstream of or within nucleotide metabolic process. Is expressed in digestive system; nervous system; neural plate; pectoral fin; and tail bud. Orthologous to human DUT (deoxyuridine triphosphatase).

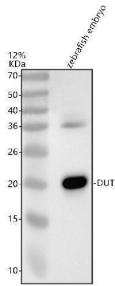
Overview

Product Name	Anti-Zebrafish DUT Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish DUT Antibody Picoband® catalog # AZA0A8M9P120. 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 ₂ HPO ₄ .
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	A0A8M9P120

Technical Details

Immunogen	E.coli-derived Zebrafish DUT recombinant protein (Position: K31-R157).
Form	Lyophilized
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

Anti-Zebrafish DUT Antibody Picoband® (AZA0A8M9P120) Images



Western blot analysis of DUT using anti-DUT antibody (AZA0A8M9P120). Electrophoresis was performed on a 12% 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 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-DUT antigen affinity purified polyclonal antibody (AZA0A8M9P120) 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 DUT at approximately 20 kDa. The expected band size for DUT is at 20 kDa.

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Anti-Zebrafish DUT Antibody

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