BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish DDX6 Antibody Picoband®

Catalog Number: AZE7FD91

About DDX6

DDX6(DEAD/H BOX 6), also known as HLR2 or p54, is an enzyme that in humans is encoded by the DDX6 gene. DDX6 belongs to the DEAD box family of putative RNA helicases that contain a characteristic asp-glu-ala-asp(DEAD) box motif(Seto et al., 1995). Tunnacliffe et al.(1993) assigned the DDX6 gene more precisely using a panel of sequence tagged sites(STSs) representing 30 markers previously assigned to 11q23. Using mass spectroscopy, Fenger-Gron et al.(2005) found that RCK, EDC3(YJDC), and HEDLS(RCD8) coimmunopurified with DCP1A and DCP2 from HEK293 cell lysates. Overexpression of DCP2, RCK, or EDC3 in HeLa cells reduced the association of endogenous DCP1A and XRN1 with cytoplasmic P bodies.

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Overview

Product Name	Anti-Zebrafish DDX6 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish-DDX6-Antibody Picoband® catalog # AZE7FD91. 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	E7FD91

Technical Details

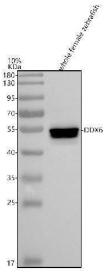
Immunogen	E.coli-derived zebrafish DDX6 recombinant protein (Position: I67-L484).

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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

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Anti-Zebrafish DDX6 Antibody Picoband® (AZE7FD91) Images



Western blot analysis of DDX6 using anti-DDX6 antibody (AZE7FD91). 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: whole female zebrafish 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-DDX6 antigen affinity purified polyclonal antibody (AZE7FD91) 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 DDX6 at approximately 54 kDa. The expected band size for DDX6 is at 54 kDa.

Anti-Zebrafish DDX6 Antibody

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