

Anti-Zebrafish USP7 Antibody Picoband®

Catalog Number: AZF1QUS9

About USP7

Predicted to enable cysteine-type deubiquitinase activity. Acts upstream of or within cranial skeletal system development. Predicted to be active in cytosol and nucleus. Orthologous to human USP7 (ubiquitin specific peptidase 7).

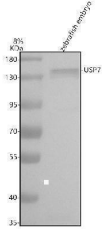
Overview

Product Name	Anti-Zebrafish USP7 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish USP7 Antibody Picoband® catalog # AZF1QUS9. Tested in WB, IHC 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	IHC, 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	F1QUS9

Technical Details

Immunogen	E.coli-derived zebrafish USP7 recombinant protein (Position: L259-D491).
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 Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Zebrafish

Anti-Zebrafish USP7 Antibody Picoband® (AZF1QUS9) Images



Western blot analysis of USP7 using anti-USP7 antibody (AZF1QUS9). Electrophoresis was performed on a 8% 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-USP7 antigen affinity purified polyclonal antibody (AZF1QUS9) 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 USP7 at approximately 140 kDa. The expected band size for USP7 is at 128 kDa.

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