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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish SMARCB1a/b Antibody Picoband®

Catalog Number: AZQ5U379

About SMARCB1a/b

Predicted to enable DNA binding activity and transcription coactivator activity. Predicted to be involved in chromatin remodeling and regulation of transcription by RNA polymerase II. Predicted to be located in nuclear chromosome. Predicted to be part of brahma complex; nBAF complex; and npBAF complex. Predicted to be active in nucleus. Human ortholog(s) of this gene implicated in Coffin-Siris syndrome 3; meningioma; rhabdoid cancer; rhabdoid tumor predisposition syndrome 1; and schwannomatosis (multiple). Orthologous to human SMARCB1 (SWI/SNF related BAF chromatin remodeling complex subunit B1).

Overview

Product Name	Anti-Zebrafish SMARCB1a/b Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish SMARCB1a/b Antibody Picoband® catalog # AZQ5U379. 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	Q5U379/A0A2R8QP61

Technical Details

Immunogen	E.coli-derived zebrafish SMARCB1a/b recombinant protein (Position: E93-D346).
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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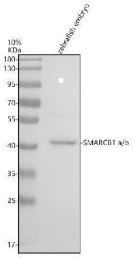
Anti-Zebrafish SMARCB1a/b Antibody Picoband® (AZQ5U379) Images



Western blot analysis of SMARCB1a/b using anti-SMARCB1a/b antibody (AZQ5U379). 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 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-SMARCB1a/b antigen affinity purified polyclonal antibody (AZQ5U379) 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 SMARCB1a/b at approximately 44 kDa. The expected band size for SMARCB1a/b is at 44 kDa.

Anti-Zebrafish SMARCB1a/b Antibody

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