BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# 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).

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## Overview

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| 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

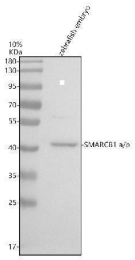
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|---|---|
| Immunogen | E.coli-derived zebrafish SMARCB1a/b recombinant protein (Position: E93-D346). |
| Form | Lyophilized |

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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 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.