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

Anti-Zebrafish WHSC1/NSD2 Antibody Picoband®

Catalog Number: AZB8JIA4

About NSD2

Enables histone H3K36 methyltransferase activity. Acts upstream of or within cartilage development and embryonic skeletal system development. Predicted to be located in chromosome. Predicted to be active in chromatin and nucleus. Is expressed in several structures, including fin; immature eye; nervous system; neural plate; and pleuroperitoneal region. Human ortholog(s) of this gene implicated in lung non-small cell carcinoma. Orthologous to human NSD2 (nuclear receptor binding SET domain protein 2).

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-Zebrafish WHSC1/NSD2 Antibody Picoband®
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish WHSC1/NSD2 Antibody Picoband® catalog # AZB8JIA4. 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	B8JIA4

Technical Details

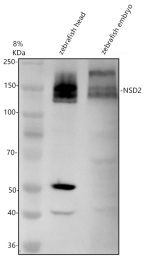
Immunogen	E.coli-derived Zebrafish WHSC1/NSD2 recombinant protein (Position: K22-R1438).
Form	Lyophilized

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

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

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

Anti-Zebrafish WHSC1/NSD2 Antibody Picoband® (AZB8JIA4) Images



Western blot analysis of WHSC1/NSD2 using anti-WHSC1/NSD2 antibody (AZB8JIA4). 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 head lysates, Lane 2: zebrafish embryo 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-WHSC1/NSD2 antigen affinity purified polyclonal antibody (AZB8JIA4) 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 WHSC1/NSD2 at approximately 150 kDa. The expected band size for WHSC1/NSD2 is at 164 kDa.

Anti-Zebrafish WHSC1/NSD2 Antibody

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