BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-SP140 Antibody Picoband®

Catalog Number: A09286-1

About SP140

Predicted to enable RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Predicted to be involved in regulation of transcription by RNA polymerase II. Predicted to be located in fibrillar center and mitochondrion. Predicted to be active in nucleus. Orthologous to human SP140 (SP140 nuclear body protein) and SP140L (SP140 nuclear body protein like).

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Overview

Product Name	Anti-SP140 Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-SP140 Antibody Picoband® catalog # A09286-1. Tested in WB applications. This antibody reacts with Mouse, Rat. 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	Q6NSQ5

Technical Details

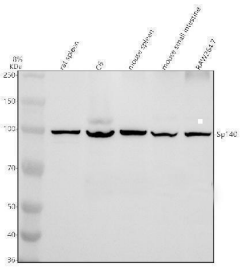
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SP140.
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Mouse, Rat

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Anti-SP140 Antibody Picoband® (A09286-1) Images



Western blot analysis of SP140 using anti-SP140 antibody (A09286-1). 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: rat spleen tissue lysates, Lane 2: rat C6 whole cell lysates, Lane 3: mouse spleen tissue lysates, Lane 4: mouse small intestine tissue lysates, Lane 5: mouse Raw264.7 whole cell 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-SP140 antigen affinity purified polyclonal antibody (A09286-1) 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 SP140 at approximately 100 kDa. The expected band size for SP140 is at 98 kDa.

Anti-SP140 Antibody

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