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

Anti-C18orf24/SKA1 Antibody Picoband®

Catalog Number: A06734-1

About SKA1

Predicted to enable microtubule binding activity. Involved in establishment of meiotic spindle orientation and spindle assembly involved in female meiosis. Located in meiotic spindle. Is expressed in cerebral cortex subventricular zone and genitourinary system. Orthologous to human SKA1 (spindle and kinetochore associated complex subunit 1).

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Overview

Product Name	Anti-C18orf24/SKA1 Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-C18orf24/SKA1 Antibody Picoband® catalog # A06734-1. 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	Q9CPV1

Technical Details

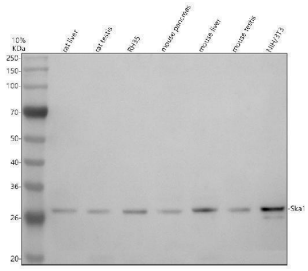
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human C18orf24/SKA1.
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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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-C18orf24/SKA1 Antibody Picoband® (A06734-1) Images



Western blot analysis of SKA1 using anti-SKA1 antibody (A06734-1). 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: rat liver tissue lysates, Lane 2: rat testis tissue lysates, Lane 3: rat RH35 whole cell lysates, Lane 4: mouse pancreas tissue lysates, Lane 5: mouse liver tissue lysates. Lane 6: mouse testis tissue lysates, Lane 7: mouse NIH/3T3 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-SKA1 antigen affinity purified polyclonal antibody (A06734-1) 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 SKA1 at approximately 32 kDa. The expected band size for SKA1 is at 29 kDa.

Anti-C18orf24/SKA1 Antibody

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