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

# Anti-C13orf3/SKA3 Antibody Picoband®

**Catalog Number:** A07561-1

## About SKA3

This gene encodes a component of the spindle and kinetochore-associated protein complex that regulates microtubule attachment to the kinetochores during mitosis. The encoded protein localizes to the outer kinetechore and may be required for normal chromosome segregation and cell division. Alternative splicing results in multiple transcript variants.

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## Overview

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|---|---|
| Product Name | Anti-C13orf3/SKA3 Antibody Picoband® |
| Reactive Species | Human |
| Description | Boster Bio Anti-C13orf3/SKA3 Antibody Picoband® catalog # A07561-1. Tested in WB, IHC, ELISA applications. This antibody reacts with Human. 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 | ELISA, IHC, 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 | Q8IX90 |

## Technical Details

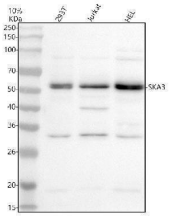
| | |
|---|---|
| Immunogen | E.coli-derived human C13orf3/SKA3 recombinant protein (Position: M1-N412). Human C13orf3/SKA3 shares 61.6% and 61.8% amino acid (aa) sequence identity with mouse and rat C13orf3/SKA3, respectively. |
| Form | Lyophilized |

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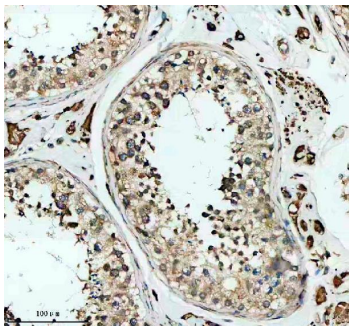
| | |
|---|---|
| Concentration | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. |
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Western blot, 0.25-0.5 ug/ml, Human<br>Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Human<br>ELISA, 0.1-0.5 ug/ml |

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# Anti-C13orf3/SKA3 Antibody Picoband® (A07561-1) Images




Western blot analysis of SKA3 using anti-SKA3 antibody (A07561-1). 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: human 293T whole cell lysates, Lane 2: human Jurkat whole cell lysates, Lane 3: human HEL 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-SKA3 antigen affinity purified polyclonal antibody (A07561-1) 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 SKA3 at approximately 51 kDa. The expected band size for SKA3 is at 46 kDa.



IHC analysis of SKA3 using anti-SKA3 antibody (A07561-1). SKA3 was detected in a paraffin-embedded section of human testis tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-SKA3 Antibody (A07561-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

Anti-C13orf3/SKA3 Antibody

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