


Product datasheet

Anti-NCKAP1 antibody ab226303

1 Image

Overview

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<b>Product name</b>	Anti-NCKAP1 antibody
<b>Description</b>	Rabbit polyclonal to NCKAP1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Sheep, Rabbit, Cow, Dog, Pig, Xenopus laevis, Zebrafish, Orangutan 
<b>Immunogen</b>	Synthetic peptide within Human NCKAP1 aa 925-975. The exact sequence is proprietary. Database link: <a href="#">Q9Y2A7</a>
<b>Positive control</b>	IP: HEK-293T whole cell lysate.
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&amp;As.</p>

Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
<b>Purity</b>	pH 7 to 8 Immunogen affinity purified
<b>Purification notes</b>	ab226303 was affinity purified using an epitope specific to NCKAP1 immobilized on solid support.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab226303** in the following tested applications.

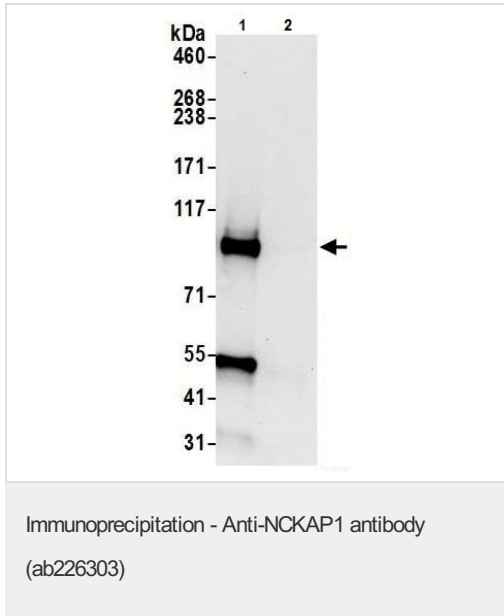
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at 2-10 µg/mg of lysate.

## Target

<b>Function</b>	Part of the WAVE complex that regulates lamellipodia formation. The WAVE complex regulates actin filament reorganization via its interaction with the Arp2/3 complex. Actin remodeling activity is regulated by RAC1.
<b>Tissue specificity</b>	Expressed in all tissues examined except peripheral blood leukocytes, with highest expression in brain, heart, and skeletal muscle.
<b>Sequence similarities</b>	Belongs to the HEM-1/HEM-2 family.
<b>Cellular localization</b>	Cell membrane. Cell projection > lamellipodium membrane. At the interface between the lamellipodial actin meshwork and the membrane.

## Images



NCKAP1 was immunoprecipitated from HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate (prepared using NETN lysis buffer: 1 mg for IP, 20% of IP loaded) with ab226303 at 6 µg per reaction. Western blot was performed from the immunoprecipitate using ab226303 at 0.4 µg/ml.

Lane 1: ab226303 IP in HEK-293T whole cell lysate.

Lane 2: Control IgG IP in HEK-293T whole cell lysate.

Detection: Chemiluminescence with exposure time of 10 seconds.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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