


Product datasheet

Anti-P70 S6 Kinase beta/SRK antibody ab70271

1 Image

Overview

Product name	Anti-P70 S6 Kinase beta/SRK antibody
Description	Rabbit polyclonal to P70 S6 Kinase beta/SRK
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Horse, Guinea pig, Cow, Dog, Chimpanzee, Ferret, Rhesus monkey, Orangutan 
Immunogen	Synthetic peptide within Human P70 S6 Kinase beta/SRK aa 430-482 (C terminal). The exact sequence is proprietary. Database link: NP_003943.2
Positive control	HeLa whole cell lysate
General notes	<p>Previously labelled as P70 S6 Kinase beta.</p> <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 & 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 & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & 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&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab70271** in the following tested applications.

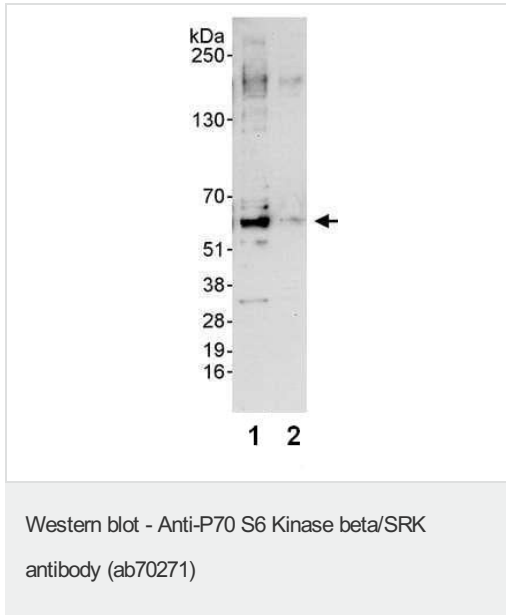
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Detects a band of approximately 53 kDa (predicted molecular weight: 53 kDa).
IP		Use at 2-6 µg/mg of lysate.

Target

Function	Phosphorylates specifically ribosomal protein S6.
Sequence similarities	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 1 protein kinase domain.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.

Images



All lanes : Anti-P70 S6 Kinase beta/SRK antibody (ab70271) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 15 µg

Lane 2 : HeLa whole cell lysate at 5 µg

Predicted band size: 53 kDa

Observed band size: 53 kDa

Additional bands at: 35 kDa, 67 kDa, 69 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 30 seconds

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors