

Product datasheet

Anti-RSK1 p90 antibody [Y81] ab32526


KO VALIDATED

Recombinant

RabMAb

[4 References](#) [3 Images](#)

Overview

Product name	Anti-RSK1 p90 antibody [Y81]
Description	Rabbit monoclonal [Y81] to RSK1 p90
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF or IHC
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human RSK1 p90 (C terminal). The exact sequence is proprietary.
Positive control	MCF7 cell lysate.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	Y81
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab32526 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		1/1000. Detects a band of approximately 90 kDa (predicted molecular weight: 83 kDa).

Application notes

Is unsuitable for Flow Cyt, ICC/IF or IHC.

Target

Function

Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.

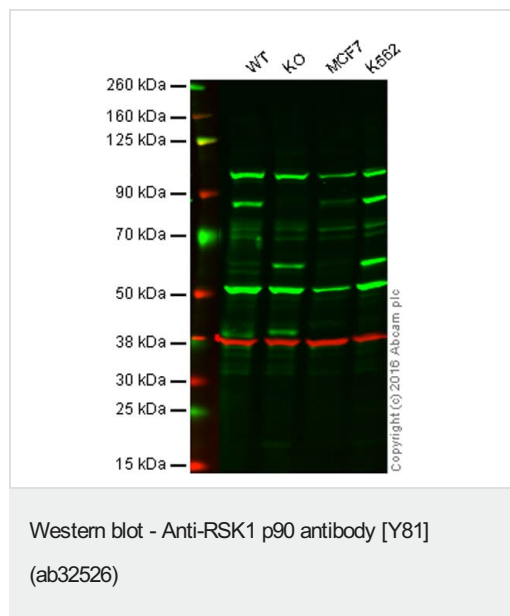
Sequence similarities

Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily.
Contains 1 AGC-kinase C-terminal domain.
Contains 2 protein kinase domains.

Post-translational modifications

Autophosphorylated on Ser-380, as part of the activation process.

Images



Lane 1: Wild-type HAP1 cell lysate (20 µg)

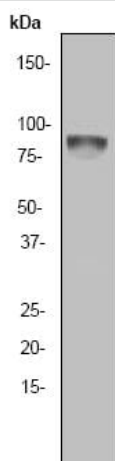
Lane 2: RSK1 knockout HAP1 cell lysate (20 µg)

Lane 3: MCF-7 cell lysate (20 µg)

Lane 4: K562 cell lysate (20 µg)

Lanes 1 - 4: Merged signal (red and green). Green - ab32526 observed at 85 kDa. Red - loading control, **ab8245**, observed at 37 kDa.

ab32526 was shown to recognize RSK1 when RSK1 knockout samples were used, along with additional cross-reactive bands. Wild-type and RSK1 knockout samples were subjected to SDS-PAGE. ab32526 and **ab8245** (loading control to GAPDH) were diluted 1/1000 and 1/2000 respectively and incubated overnight at 4°C. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed **ab216773** and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed **ab216776** secondary antibodies at 1/10000 dilution for 1 h at room temperature before imaging.



Anti-RSK1 p90 antibody [Y81] (ab32526) at 1/1000 dilution +
MCF7 cell lysate

Predicted band size: 83 kDa

Observed band size: 90 kDa

Western blot - Anti-RSK1 p90 antibody [Y81]
(ab32526)

Why choose a recombinant antibody?



**Research with
confidence**
Consistent and
reproducible results



**Long-term and
scalable supply**
Recombinant
technology



**Success from the
first experiment**
Confirmed
specificity



**Ethical standards
compliant**
Animal-free
production

Anti-RSK1 p90 antibody [Y81] (ab32526)

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

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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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