

Anti-RSK1 p90 (phospho T573) antibody [EP2133Y] ab62324

重组 RabMAb

4 References **4 图像**

概述

产品名称	Anti-RSK1 p90 (phospho T573)抗体[EP2133Y]
描述	兔单克隆抗体[EP2133Y] to RSK1 p90 (phospho T573)
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB 不适用于: IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	K562 cell lysate.
常规说明	<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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
纯度	Protein A purified
克隆	单克隆

克隆编号 EP2133Y

同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab62324于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/100 - 1/500.
WB		1/500 - 1/2000. Detects a band of approximately 83 kDa (predicted molecular weight: 83 kDa).

应用说明 Is unsuitable for IHC-P.

靶标

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

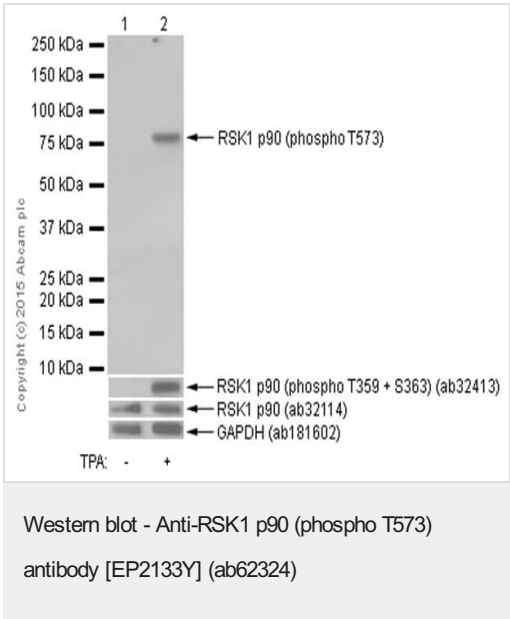
序列相似性 Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily.

Contains 1 AGC-kinase C-terminal domain.

Contains 2 protein kinase domains.

翻译后修饰 Autophosphorylated on Ser-380, as part of the activation process.

图片



All lanes : Anti-RSK1 p90 (phospho T573) antibody [EP2133Y] (ab62324) at 1/2000 dilution (purified)

Lane 1 : Untreated Ramos whole cell lysate

Lane 2 : Ramos treated with Phorbol-12-myristate-13-acetate whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

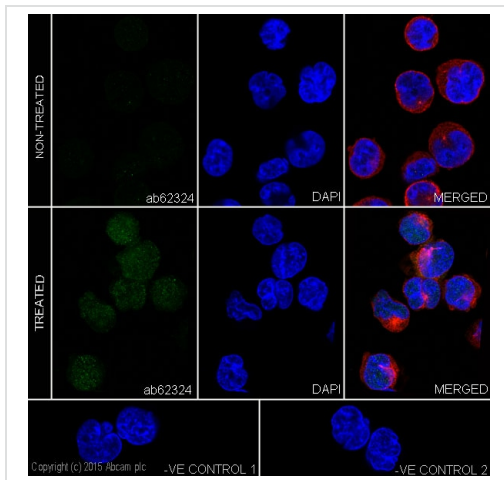
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 83 kDa

Observed band size: 83 kDa

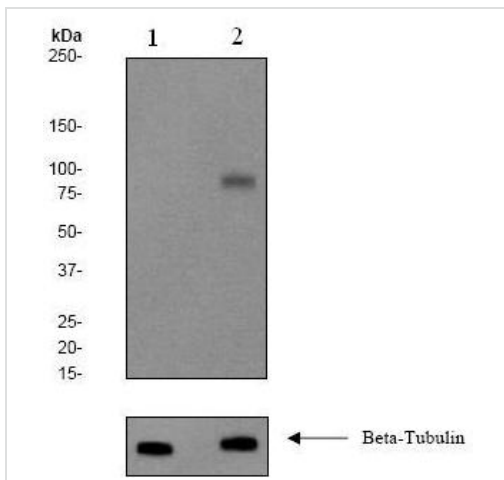
Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Immunocytochemistry/ Immunofluorescence - Anti-RSK1 p90 (phospho T573) antibody [EP2133Y] (ab62324)

Immunofluorescence staining of K562 cells with purified ab62324 at a working dilution of 1/500, counter-stained with DAPI. The cells were treated with 500 nM TPA for 15 minutes. Both the treated and untreated cells are shown. The secondary antibody was Alexa Fluor® 488 goat anti-rabbit (**ab150077**), used at a dilution of 1/1000. **ab7291**, a mouse anti-tubulin antibody (1/1000), was used to stain tubulin along with **ab150120** (Alexa Fluor® 594 goat anti-mouse, 1/1000), shown in the right hand panels. The cells were fixed in 4% PFA and permeabilized using 0.1% Triton X 100. The negative controls are shown in the bottom panels - for negative control 1, purified ab62324 was used at a dilution of 1/500 followed by an Alexa Fluor® 594 goat anti-mouse antibody (**ab150120**) at a dilution of 1/500. For negative control 2, **ab7291** (mouse anti-tubulin) was used at a dilution of 1/500 followed by an Alexa Fluor® 488 goat anti-rabbit antibody (**ab150077**) at a dilution of 1/400.



Western blot - Anti-RSK1 p90 (phospho T573) antibody [EP2133Y] (ab62324)

All lanes : Anti-RSK1 p90 (phospho T573) antibody [EP2133Y] (ab62324) at 1/500 dilution (Unpurified)

Lane 1 : K562 cell lysate; untreated

Lane 2 : K562 cell lysate; treated with TPA

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : goat anti-rabbit HRP conjugated, at 1/2000 dilution

Predicted band size: 83 kDa

Observed band size: 83 kDa

Beta Tubulin has been included as a loading control.

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 (phospho T573) antibody [EP2133Y]
(ab62324)

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

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