


Anti-MSK1 (phospho S360) antibody [EP1888Y] ab81294

RabMAb

9 References **2 图像**

概述

产品名称	Anti-MSK1 (phospho S360)抗体[EP1888Y]
描述	兔单克隆抗体[EP1888Y] to MSK1 (phospho S360)
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF 不适用于: Flow Cyt or IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HEK293 cell lysate.
常规说明	Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. 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, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆

克隆编号	EP1888Y
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab81294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
WB		1/5000 - 1/20000. Predicted molecular weight: 90 kDa.
ICC/IF		1/100 - 1/250.

应用说明 Is unsuitable for Flow Cyt or IHC-P.

靶标

功能 Serine/threonine kinase required for the mitogen or stress-induced phosphorylation of the transcription factors CREB (cAMP response element-binding protein) and ATF1 (activating transcription factor-1). Essential role in the control of RELA transcriptional activity in response to TNF. Directly represses transcription via phosphorylation of 'Ser-1' of histone H2A. Phosphorylates 'Ser-10' of histone H3 in response to mitogenics, stress stimuli and epidermal growth-factor (EGF), which results in the transcriptional activation of several immediate early genes, including proto-oncogenes c-fos/FOS and c-jun/JUN. May also phosphorylate 'Ser-28' of histone H3. Mediates the mitogen- and stress-induced phosphorylation of high mobility group protein 14 (HMG-14).

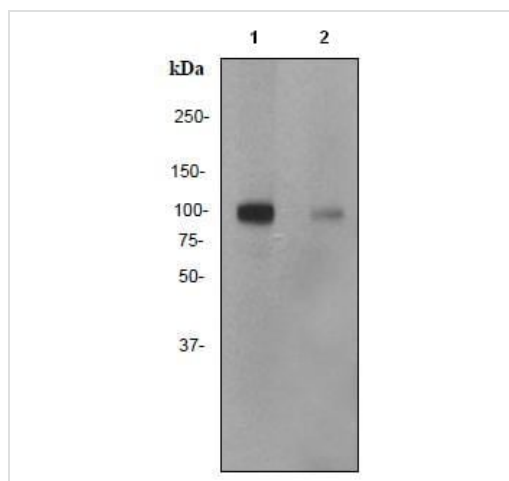
组织特异性	Widely expressed with high levels in heart, brain and placenta. Less abundant in lung, kidney and liver.
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序列相似性	<p>Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily.</p> <p>Contains 1 AGC-kinase C-terminal domain.</p> <p>Contains 2 protein kinase domains.</p>
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翻译后修饰 Ser-376 and Thr-581 phosphorylation is required for kinase activity. Ser-376 and Ser-212 are autophosphorylated by the C-terminal kinase domain, and their phosphorylation is essential for the catalytic activity of the N-terminal kinase domain.

细胞定位 Nucleus. Cytoplasm. Predominantly nuclear. Partially cytoplasmic.

图片



Western blot - Anti-MSK1 (phospho S360) antibody [EP1888Y] (ab81294)

All lanes : Anti-MSK1 (phospho S360) antibody [EP1888Y] (ab81294) at 1/20000 dilution

Lane 1 : HEK293 cell lysate, untreated,

Lane 2 : HEK293 cell lysate treated with AP.

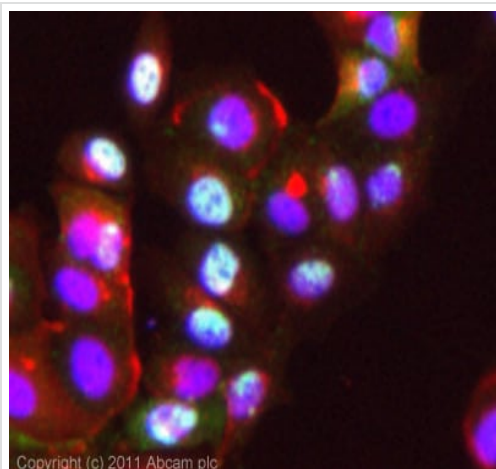
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti rabbit. at 1/2000 dilution

Predicted band size: 90 kDa

Observed band size: 90 kDa



Immunocytochemistry/ Immunofluorescence - Anti-MSK1 (phospho S360) antibody [EP1888Y] (ab81294)

ICC/IF image of ab81294 stained MCF7 cells. The cells were 4% formaldehyde (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab81294, neat) overnight at +4°C. The secondary antibody (green) was **ab96899** Dylight 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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