

Anti-MSK1 (phospho T581) antibody ab59336

1 图像

概述

产品名称	Anti-MSK1 (phospho T581)抗体
描述	兔多克隆抗体to MSK1 (phospho T581)
宿主	Rabbit
特异性	ab59336 detects endogenous levels of MSK1 only when phosphorylated at threonine 581. Human: Thr581; Mouse: Thr645.
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Mouse, Human
免疫原	Synthesized phosphopeptide derived from human MSK1 around the phosphorylation site of threonine 581 (LKT ^P PC).
阳性对照	RAW264.7 nuclear or cytoplasmic lysate
常规说明	Store at -20°C for year

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ⁺² and Ca ⁺²), 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
纯化说明	Affinity purified from rabbit antiserum by affinity chromatography using epitope specific phosphopeptide. The antibody against non phosphopeptide was removed by chromatography using non phosphopeptide corresponding to the phosphorylation site.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab59336于以下的经测试应用

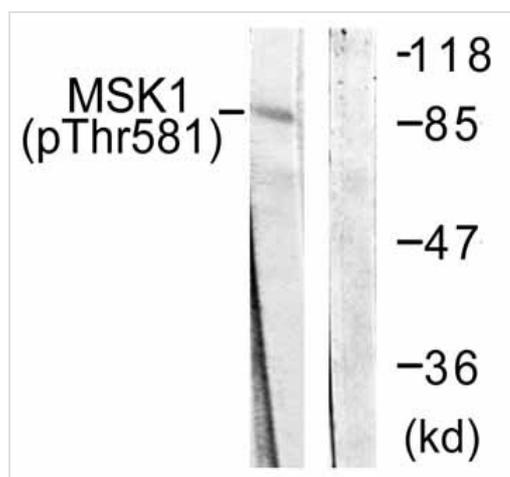
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 90 kDa.
ELISA		1/40000.

靶标

功能	<p>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.</p> <p>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).</p>
组织特异性	Widely expressed with high levels in heart, brain and placenta. Less abundant in lung, kidney and liver.
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>
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



All lanes : Anti-MSK1 (phospho T581) antibody (ab59336) at 1/500 dilution

Lane 1 : Extracts from RAW264.7 cells, treated with UV (5 mins) with no immunizing peptide

Lane 2 : Extracts from RAW264.7 cells, treated with UV (5 mins) with immunizing peptide

Observed band size: 90 kDa

Western blot - Anti-MSK1 (phospho T581) antibody (ab59336)

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

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