

Anti-MSK1 (phospho S212) antibody ab79499

[1 References](#) [画像数 2](#)

製品の概要

製品名	Anti-MSK1 (phospho S212) antibody
製品の詳細	Rabbit polyclonal to MSK1 (phospho S212)
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide corresponding to Human MSK1 (phospho S212).
ポジティブ・コントロール	IHC: human breast carcinoma tissue WB: extracts from 3T3 cells (treated with EGF at 200 ng/ml for 5mins)
特記事項	<p>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.</p> <p>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</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 0.87% Sodium chloride, 50% Glycerol (glycerin, glycerine)
	Without Mg ²⁺ and Ca ²⁺
精製度	Immunogen affinity purified
特記事項 (精製)	Purified by affinity chromatography using an epitope specific phosphopeptide. The antibody against the non-phosphopeptide was removed by chromatography using a non-phosphopeptide corresponding to the phosphorylation site.
ポリクローナル	ポリクローナル
アイソタイプ	IgG

アプリケーション

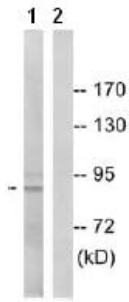
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab79499の使用に適用されず
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Predicted molecular weight: 90 kDa.
IHC-P		1/50 - 1/100.

ターゲット情報

機能	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).
組織特異性	Widely expressed with high levels in heart, brain and placenta. Less abundant in lung, kidney and liver.
配列類似性	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.
翻訳後修飾	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.
細胞内局在	Nucleus. Cytoplasm. Predominantly nuclear. Partially cytoplasmic.

画像



Western blot - Anti-MSK1 (phospho S212) antibody (ab79499)

All lanes : Anti-MSK1 (phospho S212) antibody (ab79499) at 1/1000 dilution

Lane 1 : extracts from 3T3 cells (treated with EGF at 200ng/ml for 5 mins)

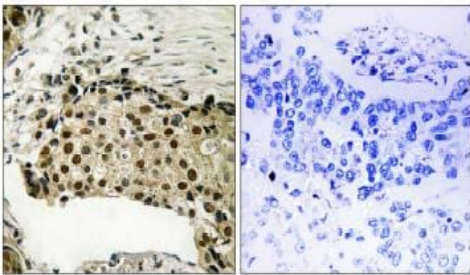
Lane 2 : extracts from 3T3 cells (treated with EGF at 200ng/ml for 5 mins) with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 90 kDa

Observed band size: 90 kDa

Additional bands at: 95 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MSK1 (phospho S212) antibody (ab79499)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, stained with ab79499, at 1/100 dilution, in the absence and presence of the immunising peptide

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