


Anti-RSK4 (phospho S232) antibody [EP1524Y] ab81290

RabMAb[®]

画像数 4

製品の概要

製品名	Anti-RSK4 (phospho S232) antibody [EP1524Y]
製品の詳細	Rabbit monoclonal [EP1524Y] to RSK4 (phospho S232)
由来種	Rabbit
特異性	<p>Due to high sequence homology, this antibody might cross-react with RSK1(Q15418) and RSK3(P51812).</p> <p>This antibody cross-reactivates with PSK3 (phospho S218). The immunogen used for this product shares 100% homology with RSK1 and RSK2, Cross-reactivity with these two proteins has not been confirmed experimentally.</p>
アプリケーション	<p>適用あり: WB, IHC-P, ELISA, Dot blot</p> <p>適用なし: Flow Cyt or IP</p>
種交差性	<p>交差種: Human</p> <p>交差が予測される動物種: Mouse </p>
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Hela cell lysate IHC-P: human muscle tissue.
特記事項	<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>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> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

製品の特性

製品の状態	Liquid
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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: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EP1524Y
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ab81290の使用に適用されます
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。

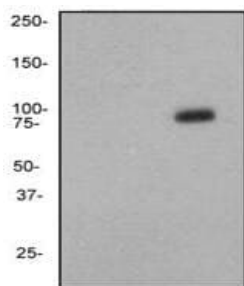
アプリケーション	Abreviews	特記事項
WB		1/5000 - 1/10000. Detects a band of approximately 90 kDa (predicted molecular weight: 84 kDa).
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ELISA		Use at an assay dependent concentration.
Dot blot		1/1000.

追加情報 Is unsuitable for Flow Cyt or IP.

ターゲット情報

機能	Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.
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	Autophosphorylated on Ser-389, as part of the activation process.

画像



Western blot - Anti-RSK4 (phospho S232) antibody [EP1524Y] (ab81290)

All lanes : Anti-RSK4 (phospho S232) antibody [EP1524Y] (ab81290) at 1/10000 dilution

Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate untreated

Lane 2 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate treated with Calyculin A

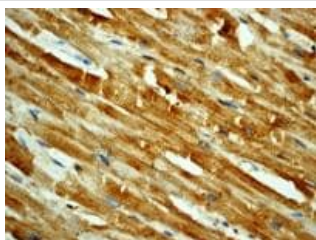
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 84 kDa

Observed band size: 84 kDa

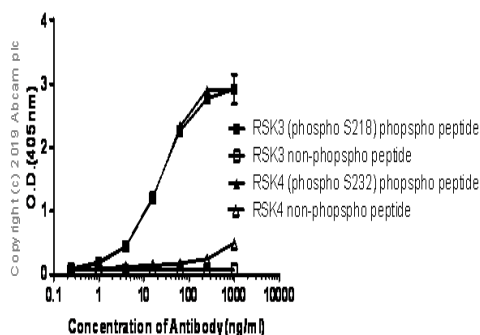


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RSK4 (phospho S232) antibody [EP1524Y] (ab81290)

ab81290, at 1/50, staining human muscle tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

Direct ELISA antibody dose-response curve



ELISA - Anti-RSK4 (phospho S232) antibody
[EP1524Y] (ab81290)

Direct ELISA antigen dose-response curve using ab81290.

Primary antibody: ab81290 (0-1000 ng/ml).

Antigens:

RSK3 (phospho S218) phospho peptide

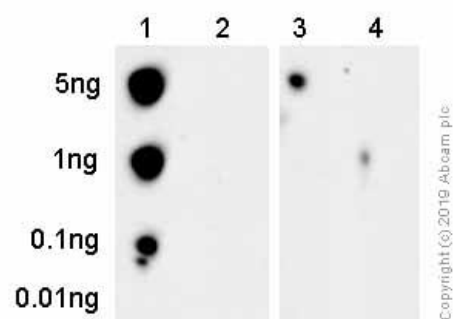
RSK3 non-phospho peptide

RSK4 (phospho S232) phospho peptide

RSK4 non-phospho peptide

BSA-branched PEG 40k (0-100 ng/ml).

Secondary antibody: Alkaline Phosphatase-conjugated AffiniPure
Goat Anti-Rabbit IgG(H+L) at 1/2500 dilution.



Dot Blot - Anti-RSK4 (phospho S232) antibody
[EP1524Y] (ab81290)

Dot blot analysis of RSK4 (pS232) phospho peptide (Lane 1), RSK4 non-phospho peptide (Lane 2), RSK3 (pS218) phospho peptide (Lane 3) and RSK3 non-phospho peptide (Lane 4) labeling RSK4 (phospho S232) with ab81290 at a dilution of 1/1000.

ab97051 (Peroxidase conjugated goat anti-rabbit IgG (H+L)) was used as the secondary antibody at a dilution of 1/100000.

Blocking and dilution buffer: 5% NFDM/TBST.

Exposure time: 3 minutes.

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