


Anti-RSK1 p90 (phospho S221) antibody ab10695

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概述

产品名称	Anti-RSK1 p90 (phospho S221)抗体
描述	兔多克隆抗体to RSK1 p90 (phospho S221)
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human 预测可用于: Rat 
免疫原	Synthetic peptide corresponding to Human RSK1 p90 (phospho S221).
阳性对照	WB: A431 cells. IHC-P: Human brain tissue.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.05% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.1% BSA PBS is Ca ²⁺ and Mg ²⁺ free
纯度	Immunogen affinity purified
纯化说明	Purified from rabbit serum by epitope-specific affinity chromatography.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab10695 于以下的经测试应用

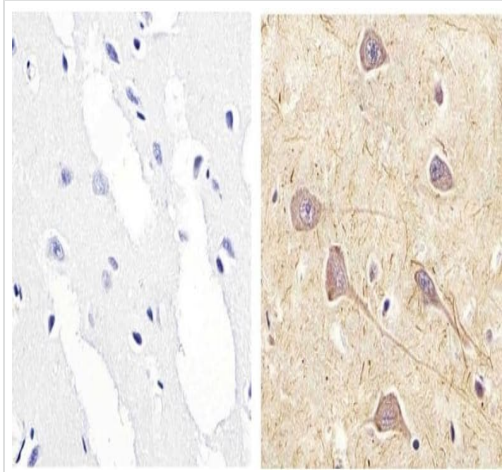
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/10 - 1/100.
WB		1/1000. Predicted molecular weight: 90 kDa.

靶标

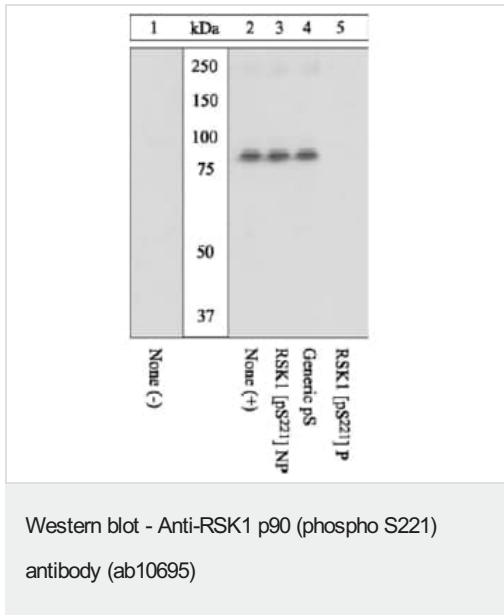
功能	Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.
序列相似性	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 2 protein kinase domains.
翻译后修饰	Autophosphorylated on Ser-380, as part of the activation process.

图片



Paraffin embedded human brain tissue (right) stained for RSK1 using ab10695 at 1/20 dilution in immunohistochemical analysis. Negative control without primary antibody (left).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RSK1 p90 (phospho S221) antibody (ab10695)



Peptide Competition - Lysates prepared from A431 cells left unstimulated (1) or stimulated with 100 ng/mL PMA for 30 minutes at 37°C (2-5) were resolved by SDS-PAGE on a 10% polyacrylamide gel and transferred to PVDF. Membranes were blocked with a 3% non-fat dried milk-TBST buffer for one hour at room temperature and incubated with ab10695 for one hour at room temperature in a 1% non-fat dried milk-TBST buffer, following prior incubation with: no peptide (1, 2), the non-phosphopeptide corresponding to the immunogen (3), a generic phosphoserine-containing peptide (4), or, the phosphopeptide immunogen (5). After washing, membranes were incubated with goat F(ab')₂ anti-rabbit IgG HRP conjugate in 1% non-fat dried milk-TBST buffer, and bands were detected by chemiluminescence. The data show induction of ab10695 signal by PMA treatment and that the peptide corresponding to this site blocks the antibody signal, thereby demonstrating the specificity of the antibody. Peptide Co

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