

Anti-ERK8 (phospho T175 + Y177) antibody ab73209

1 References **1 图像**

概述

产品名称	Anti-ERK8 (phospho T175 + Y177)抗体
描述	兔多克隆抗体to ERK8 (phospho T175 + Y177)
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic peptide corresponding to Human ERK8 (phospho T175 + Y177). Sequence: AVTPEYPVA <div>  Run BLAST with  Run BLAST with </div>
阳性对照	Jurkat cell extract.
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. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS</p> <p>Without Mg2+ and Ca2+</p>
纯度	Immunogen affinity purified
纯化说明	ab73209 was 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ab73209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 50 kDa (predicted molecular weight: 60 kDa).

靶标

功能

In vitro, phosphorylates MBP.

组织特异性

Widely expressed with a maximal expression in lung and kidney.

序列相似性

Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily.

Contains 1 protein kinase domain.

结构域

The N-terminal region (1-20) is the minimal region necessary for ubiquitination and further proteasomal degradation.

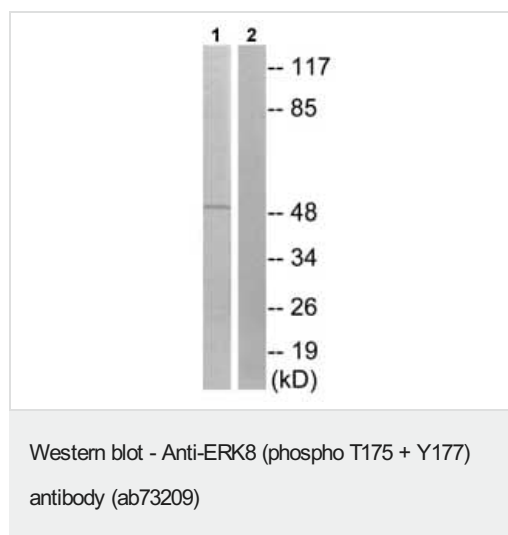
The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.

翻译后修饰

Dually phosphorylated on Thr-175 and Tyr-177, which activates the enzyme. Autophosphorylated on threonine and tyrosine residues in vitro.

Ubiquitinated. Ubiquitination may allow its tight kinase activity regulation and rapid turnover. May be ubiquitinated by a SCF E3 ligase.

图片



All lanes : Anti-ERK8 (phospho T175 + Y177) antibody (ab73209)
at 1/500 dilution

Lane 1 : Jurkat cell extract

Lane 2 : Jurkat cell extract with immunising phosphopeptide at 10
µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 60 kDa

Observed band size: 50 kDa

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

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