


# Anti-MAPK6/ERK3 (phospho S189) antibody ab74032

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### 概述

产品名称	Anti-MAPK6/ERK3 (phospho S189)抗体
描述	兔多克隆抗体to MAPK6/ERK3 (phospho S189)
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat 
免疫原	Synthetic peptide corresponding to Human MAPK6/ERK3 (phospho S189). Sequence: H-L-Sp-E-G  Database link: <a href="#">Q16659</a>

 [Run BLAST with](#)

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### 常规说明

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.

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

### 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	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS  Without Mg <sup>2+</sup> and Ca <sup>2+</sup>
纯度	Immunogen affinity purified
纯化说明	ab74032 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ab74032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 (predicted molecular weight: 83 kDa).
IHC-P		1/50 - 1/100.

## 靶标

**功能** Phosphorylates microtubule-associated protein 2 (MAP2). May promote entry in the cell cycle.

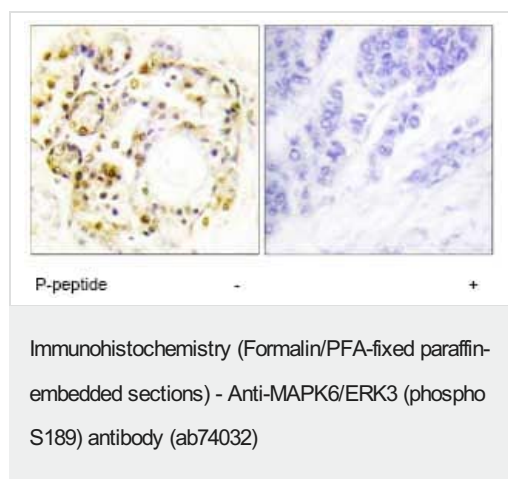
**组织特异性** Highest expression in the skeletal muscle, followed by the brain. Also found in heart, placenta, lung, liver, pancreas, kidney and skin fibroblasts.

**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.

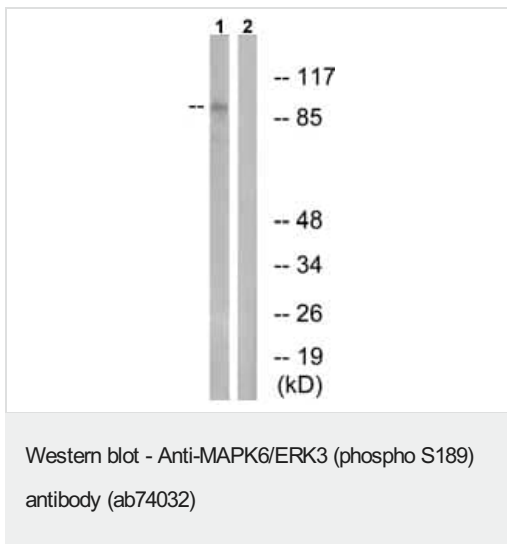
**结构域** The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.

**翻译后修饰** Dually phosphorylated on Thr-626 and Tyr-628, which activates the enzyme.

## 图片



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using ab74032, at 1/50 dilution, in the presence (right panel) or absence (left panel) of immunising phosphopeptide.



**All lanes :** Anti-MAPK6/ERK3 (phospho S189) antibody (ab74032) at 1/500 dilution

**Lane 1 :** Extracts from mouse brain

**Lane 2 :** Extracts from mouse brain with immunising phosphopeptide at 5 µg

Lysates/proteins at 5 µg per lane.

**Predicted band size:** 83 kDa

**Observed band size:** 90 kDa

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

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