

## Product datasheet

# Anti-MAPK6 (phospho S189) antibody ab74032

1 References 2 图像

### 概述

<b>产品名称</b>	Anti-MAPK6 (phospho S189)抗体
<b>描述</b>	兔多克隆抗体to MAPK6 (phospho S189)
<b>宿主</b>	Rabbit
<b>特异性</b>	ab74032 detects endogenous levels of MAPK6 only when phosphorylated at serine 189.
<b>经测试应用</b>	<b>适用于:</b> WB, ELISA, IHC-P
<b>种属反应性</b>	<b>与反应:</b> Mouse, Human <b>预测可用于:</b> Rat 
<b>免疫原</b>	Synthetic phosphopeptide derived from human MAPK6 around the phosphorylation site of serine 189 (H-L-S <sup>P</sup> -E-G). (SwissProt Q16659.)
<b>阳性对照</b>	Human breast carcinoma tissue. Extracts from mouse brain.

### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>存储溶液</b>	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 150mM Sodium chloride, pH 7.4
<b>纯度</b>	Immunogen affinity purified
<b>纯化说明</b>	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.
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab74032** in the following tested applications.

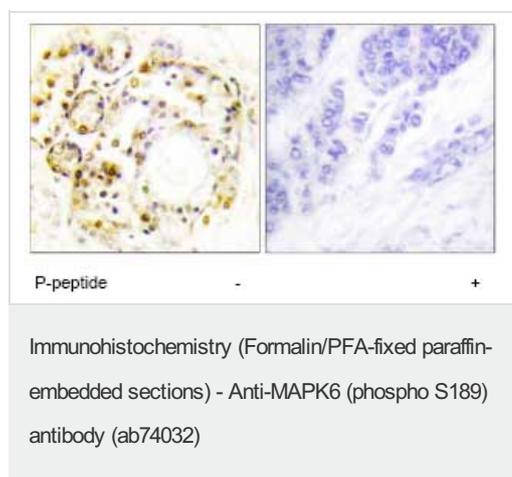
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 90 kDa (predicted molecular weight: 83 kDa).
ELISA		1/10000.
IHC-P		1/50 - 1/100.

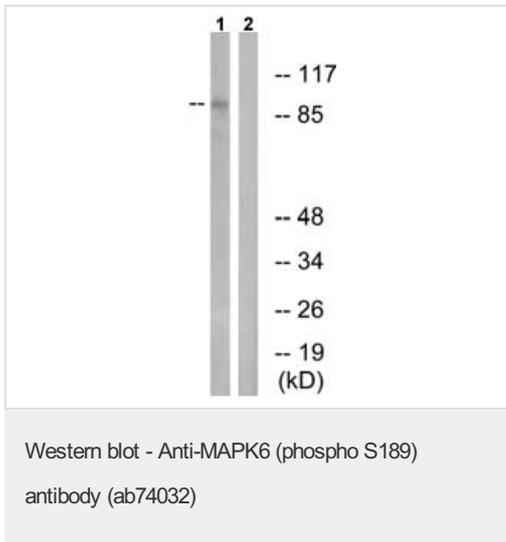
## 靶标

<b>功能</b>	Phosphorylates microtubule-associated protein 2 (MAP2). May promote entry in the cell cycle.
<b>组织特异性</b>	Highest expression in the skeletal muscle, followed by the brain. Also found in heart, placenta, lung, liver, pancreas, kidney and skin fibroblasts.
<b>序列相似性</b>	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily. Contains 1 protein kinase domain.
<b>结构域</b>	The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.
<b>翻译后修饰</b>	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 (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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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