

# Anti-MEK3 (phospho T222) antibody ab79586

## 2 图像

### 概述

|       |   |
|-------|---|
| 产品名称  | Anti-MEK3 (phospho T222)抗体  |
| 描述    | 兔多克隆抗体to MEK3 (phospho T222)  |
| 宿主    | Rabbit  |
| 经测试应用 | 适用于: WB, IHC-P  |
| 种属反应性 | 与反应: Human<br>预测可用于: Mouse, Rat    |
| 免疫原   | Synthetic peptide corresponding to Human MEK3 (phospho T222).   |
| 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&amp;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 | pH: 7.40<br>Preservative: 0.02% Sodium azide<br>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride<br><br>Without Mg <sup>2+</sup> and Ca <sup>2+</sup>   |
| 纯度   | Immunogen affinity purified   |
| 纯化说明 | ab79586 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ab79586于以下的经测试应用

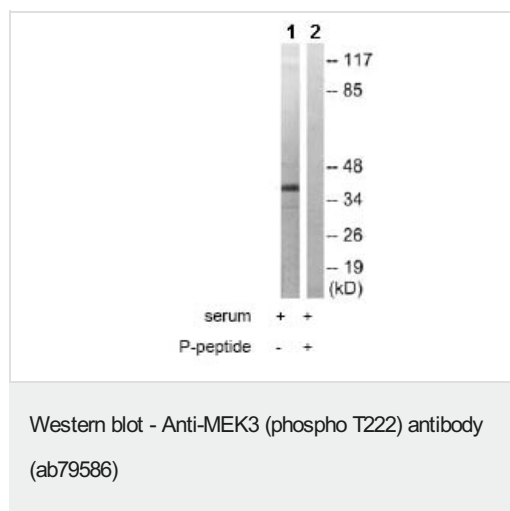
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用    | Ab评论 | 说明  |
|-------|------|---|
| WB    |      | 1/500 - 1/1000. Predicted molecular weight: 39 kDa. |
| IHC-P |      | 1/50 - 1/100.                                       |

## 靶标

|              |  |
|--------------|--|
| <b>功能</b>    | Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38.  |
| <b>组织特异性</b> | Abundant expression is seen in the skeletal muscle. It is also widely expressed in other tissues.  |
| <b>疾病相关</b>  | Note=Defects in MAP2K3 may be involved in colon cancer.  |
| <b>序列相似性</b> | Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase subfamily.<br>Contains 1 protein kinase domain.  |
| <b>翻译后修饰</b> | Autophosphorylated.<br>Phosphorylation on Ser-218 and Thr-222 by MAP kinase kinase kinases regulates positively the kinase activity.<br>Yersinia yopJ may acetylate Ser/Thr residues, preventing phosphorylation and activation, thus blocking the MAPK signaling pathway. |

## 图片



**All lanes :** Anti-MEK3 (phospho T222) antibody (ab79586) at 1/500 dilution

**Lane 1 :** Jurkat cell extracts treated with serum (20 %, 15 minutes)

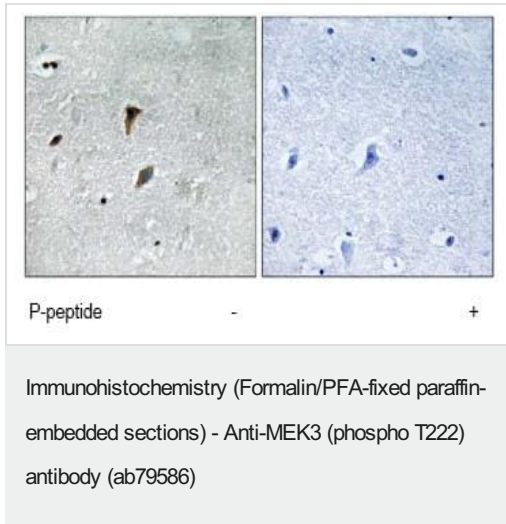
**Lane 2 :** Jurkat cell extracts treated with serum (20 %, 15 minutes) with immunizing peptide at 10 µg

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 39 kDa

**Observed band size:** 39 kDa

**Additional bands at:** 32 kDa. We are unsure as to the identity of these extra bands.



ab79586, at a 1/50 dilution, staining MEK3 in paraffin embedded human brain tissue by Immunohistochemistry in the absence (left image) or presence (right image) of the immunizing peptide.

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

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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

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