

Product datasheet

Anti-MEK5 antibody ab57725

1 图像

概述

产品名称	Anti-MEK5抗体
描述	小鼠单克隆抗体to MEK5
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Recombinant full length protein, corresponding to amino acids 1-449 of Human MEK5

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	Preservative: None PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG1
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab57725** 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
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WB

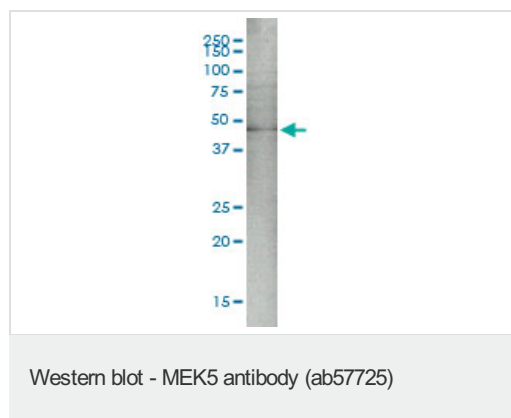
应用说明 WB: Use at a concentration of 1-5 µg/ml.

Not yet tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

## 靶标

<b>功能</b>	Acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appear to play a critical role in protecting cells from stress-induced apoptosis, neuronal survival and cardiac development and angiogenesis.
<b>组织特异性</b>	Expressed in many adult tissues. Abundant in heart and skeletal muscle.
<b>序列相似性</b>	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase subfamily. Contains 1 OPR domain. Contains 1 protein kinase domain.
<b>结构域</b>	Binds MAP3K2/MAP3K3 and MAPK7 via non-overlapping residues of the OPR domain. This domain also mediates interactions with SQSTM1 and PARD6A.
<b>翻译后修饰</b>	Activated by phosphorylation on Ser/Thr by MAP kinase kinase kinases. Yersinia yopJ may acetylate Ser/Thr residues, preventing phosphorylation and activation, thus blocking the MAPK signaling pathway.

## 图片



**Predicted band size :** 49 kDa  
MEK5 antibody (ab57725) at 1 ug/lane +  
Jurkat cell lysate at 25ug/lane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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