

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
宿主	Mouse
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.

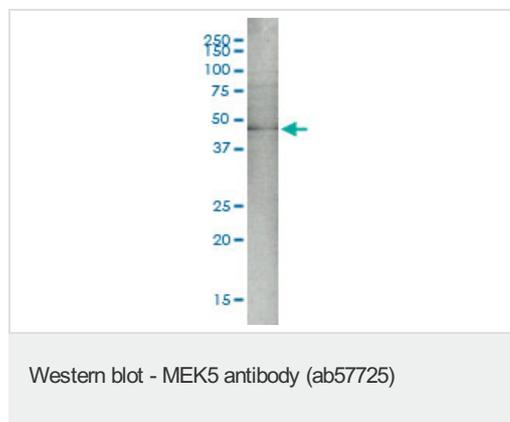
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 49 kDa.

靶标

功能	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.
组织特异性	Expressed in many adult tissues. Abundant in heart and skeletal muscle.
序列相似性	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.
结构域	Binds MAP3K2/MAP3K3 and MAPK7 via non-overlapping residues of the OPR domain. This domain also mediates interactions with SQSTM1 and PARD6A.
翻译后修饰	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



MEK5 antibody (ab57725) at 1ug/lane +
Jurkat cell lysate at 25ug/lane.

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