

Anti-ERK8 antibody - N-terminal ab70911

3 图像

概述

产品名称	Anti-ERK8抗体- N-terminal
描述	兔多克隆抗体to ERK8 - N-terminal
宿主	Rabbit
经测试应用	适用于: WB, ELISA, IHC-P
种属反应性	与反应: Human
免疫原	A KLH conjugated synthetic peptide selected from the N-terminal region of human MAPK15
阳性对照	T47D cell lysate; Paraffin embedded Human breast carcinoma tissue

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab70911于以下的经测试应用

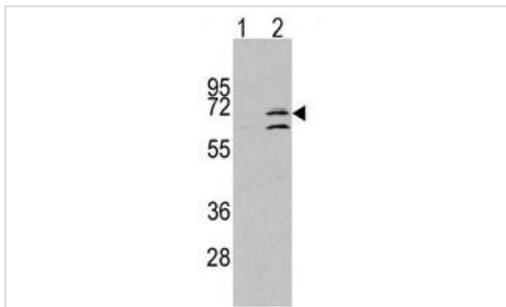
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/50 - 1/100. Detects a band of approximately 60 kDa.
ELISA		1/1000.
IHC-P		1/10 - 1/50.

靶标

功能	In vitro, phosphorylates MBP.
组织特异性	Widely expressed with a maximal expression in lung and kidney.
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 N-terminal region (1-20) is the minimal region necessary for ubiquitination and further proteasomal degradation. The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.
翻译后修饰	Dually phosphorylated on Thr-175 and Tyr-177, which activates the enzyme. Autophosphorylated on threonine and tyrosine residues in vitro. Ubiquitinated. Ubiquitination may allow its tight kinase activity regulation and rapid turnover. May be ubiquitinated by a SCF E3 ligase.

图片



Western blot - Anti-MAPK15 antibody - N-terminal (ab70911)

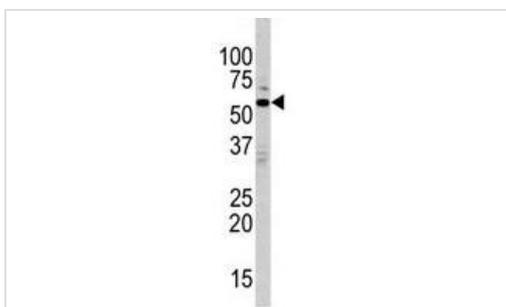
All lanes : Anti-ERK8 antibody - N-terminal (ab70911) at 1/50 dilution

Lane 1 : Nontransfected 293 cell line lysate

Lane 2 : 293 cell line lysate transiently transfected with the MAPK15 gene

Lysates/proteins at 2 µg per lane.

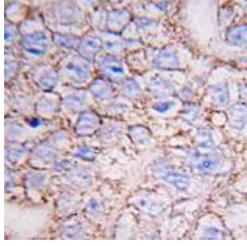
Observed band size: 70 kDa



Western blot - Anti-MAPK15 antibody - N-terminal (ab70911)

Anti-ERK8 antibody - N-terminal (ab70911) at 1/60 dilution + T47D cell line lysates at 35 µg

Observed band size: 60 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MAPK15 antibody - N-terminal (ab70911)

ab70911, at a 1/10 dilution, staining human MAPK15 in breast carcinoma, using Immunohistochemistry, Formalin/PFA fixed Paraffin embedded tissue. ab70911 was peroxidase-conjugated to the secondary antibody, followed by DAB staining.

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