



丝裂原活化蛋白激酶 15 抗体

产品货号 : mlR18669

英文名称 : MAPK15/ERK8

中文名称 : 丝裂原活化蛋白激酶 15 抗体

别 名 : ERK-7; ERK-8; ERK7; ERK8; Extracellular regulated kinase 8 delta; Extracellular signal regulated kinase 8; Extracellular signal-regulated kinase 7; Extracellular signal-regulated kinase 8; MAP kinase 15; MAPK 15; Mapk15; Mitogen activated protein kinase 15; Mitogen-activated protein kinase 15; MK15_HUMAN

研究领域 : 细胞生物 信号转导 激酶和磷酸酶

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Dog, Horse, Rabbit,

产品应用 : ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 (石蜡切片需做抗原修复)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分子量 : 60kDa

细胞定位 : 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml



免 疫 原 : KLH conjugated synthetic peptide derived from human MAPK15/ERK8:1-100/544

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : MAPK15 is a 544 amino acid protein that belongs to the CMGC Ser/Thr protein kinase family (MAP kinase subfamily). MAP kinases play a significant role in many biological processes, including cell adhesion and spreading, cell differentiation and apoptosis. MAPK15 functions as a catalytic kinase using ATP to produce ADP and a phosphoprotein. A TXY motif, containing one threonine and one tyrosine residue, activates the MAP kinases upon phosphorylation. MAPK15 is a ubiquitously expressed protein with highest expression found in lung and kidney.

Function:

In vitro, phosphorylates MBP.

Tissue Specificity:

Widely expressed with a maximal expression in lung and kidney.

Post-translational modifications:

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.

Similarity:

Belongs to the protein kinase superfamily.

CMGC Ser/Thr protein kinase family.

MAP kinase subfamily.

Contains 1 protein kinase domain.

SWISS:

Q8TD08

Gene ID:

225689

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.