

## 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.