双特异性蛋白磷酸酶 10 抗体

产品货号： mlR13035

英文名称： DUSP10

中文名称： 双特异性蛋白磷酸酶 10 抗体

别　　名： MKP5; MKP 5; MKP-5; Dual specificity phosphatase 10; Dual specificity phosphatase MKP 5; Dual specificity phosphatase MKP5; Dual specificity protein phosphatase 10; DUS10_HUMAN; DUSP 10; DUSP10; DUSP10 protein; MAP kinase phosphatase 5; Mitogen activated protein kinase phosphatase 5; Mitogen-activated protein kinase phosphatase 5; Serine/threonine specific protein phosphatase.

研究领域： 细胞生物　信号转导　细胞凋亡　激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit,

产品应用： WB=1:500-2000 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： 53kDa

细胞定位： 细胞核 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原 ： KLH conjugated synthetic peptide derived from human DUSP10/MKP5:161-260/482

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 ： Mitogen-activated protein (MAP) kinases are a large class of proteins involved in signal transduction pathways that are activated by a range of stimuli and mediate a number of physiological and pathological changes in the cell. Dual specificity phosphatases (DSPs) are a subclass of the protein tyrosine phosphatase (PTP) gene superfamily, which are selective for dephosphorylating critical phosphothreonine and phosphotyrosine residues within MAP kinases. DSP gene expression is induced by a host of growth factors and/or cellular stresses, thereby negatively regulating MAP kinase superfamily members including MAPK/ERK, SAPK/JNK and p38. MKP-5 preferentially binds to p38, but also to SAPK/JNK. It is ubiquitously expressed and localizes to both the cytoplasm and the nucleus. MKP-5 has been implicated in cell proliferation and apoptosis, tumor invasion and immune responses.

Function:

Involved in the inactivation of MAP kinases. Has a specificity for the MAPK11/MAPK12/MAPK13/MAPK14 subfamily.

Subunit:

Monomer. Interacts with MAPK14.

Subcellular Location:

Cytoplasm. Nucleus.

Tissue Specificity:

Detected in brain.

Similarity:

Belongs to the protein-tyrosine phosphatase family.

Non-receptor class dual specificity subfamily.

Contains 1 rhodanese domain.

Contains 1 tyrosine-protein phosphatase domain.

SWISS:

Q9Y6W6

Gene ID:

11221

Important Note:

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

产品图片