

产品名称: MLK1 Rabbit Polyclonal Antibody  
产品货号: APRab13951



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | MLK1 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody      |
| 宿主 (Host)              | Rabbit                          |
| 应用 (Application)       | IHC, ICC/IF, ELISA              |
| 种属反应性 (Reactivity)     | Human, Mouse                    |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | MAP3K9                                                                                                      |
| 别名 (Alternative Names) | MAP3K9; MLK1; PRKE1; Mitogen-activated protein kinase kinase kinase 9; Mixed lineage kinase 1               |
| 基因 ID (Gene ID)        | 4293.0                                                                                                      |
| 蛋白 ID (SwissProt ID)   | P80192. The antiserum was produced against synthesized peptide derived from human MAP3K9. AA range: 561-610 |

## 产品应用 (Application)

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) |                                                           |

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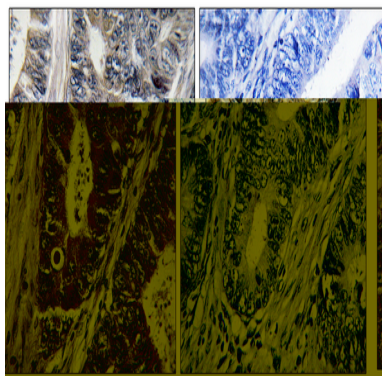
## 研究背景 (Background)

MAP3K9 (Mitogen-Activated Protein Kinase Kinase 9) is a Protein Coding gene. Diseases associated with MAP3K9 include retroperitoneal neuroblastoma. Among its related pathways are MAP Kinase Signaling and TGF-Beta Pathway. GO annotations related to this gene include protein homodimerization activity and protein kinase activity. An important paralog of this gene is KSR1. catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium., enzyme regulation:Homodimerization via the leucine zipper domains is required for autophosphorylation and subsequent activation., function:Activates the JUN N-terminal pathway., PTM:Autophosphorylation on serine and threonine residues within the activation loop plays a role in enzyme activation. Thr-312 is likely to be the main autophosphorylation site., similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily., similarity:Contains 1 protein kinase domain., similarity:Contains 1 SH3 domain., subunit:Homodimer., tissue specificity:Expressed in epithelial tumor cell lines of colonic, breast and esophageal origin.,

## 研究领域 (Research Area)

Regulation of Actin Dynamics; SAPK\_JNK; Stem cell pathway; B\_Cell\_Antigen

## 图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using MAP3K9 Antibody. The picture on the right is blocked with the synthesized peptide.

## 注意事项 (Note)

For research use only .