

产品名称: MLK1/2 (phospho Thr312/266) Rabbit Polyclonal Antibody
产品货号: APRab05027



产品概述 (Summary)

产品名称 (Production Name)	MLK1/2 (phospho Thr312/266) 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)	Phosphorylated
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/MAP3K10
别名 (Alternative Names)	MAP3K9; MLK1; PRKE1; Mitogen-activated protein kinase kinase kinase 9; Mixed lineage kinase 1; MAP3K10; MLK2; MST; Mitogen-activated protein kinase kinase kinase 10; Mixed lineage kinase 2; Protein kinase MST
基因 ID (Gene ID)	4293/4294
蛋白 ID (SwissProt ID)	P80192/Q02779. The antiserum was produced against synthesized peptide derived from human MLK1/2 around the phosphorylation site of Thr312/266. AA range: 281-330

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稀释比 (Dilution Ratio)

IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:5000-1:10000

蛋白分子量 (Molecular Weight)

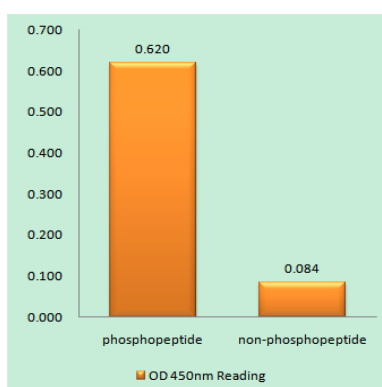
研究背景 (Background)

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., 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)

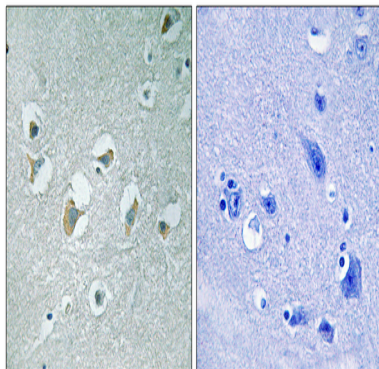
Regulation of Actin Dynamics; SAPK_JNK; Stem cell pathway; B_Cell_Antigen

图片 (Image Data)



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using MLK1/2 (Phospho-Thr312/266) Antibody

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Immunohistochemistry analysis of paraffin-embedded human brain, using MLK1/2 (Phospho-Thr312/266) Antibody. The picture on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .