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MKK3 (Phospho-Ser189) Antibody

货号: AYP4336

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC ELISA
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	36kDa/39kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse heart,Mouse skeletal muscle
细胞定位	cytosol,nucleoplasm
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human MKK3 (Phospho-Ser189).

靶点信息

研究背景	The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is activated by mitogenic and environmental stress, and participates in the MAP kinase-mediated signaling cascade. It phosphorylates and thus activates MAPK14/p38-MAPK. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter. Expression of RAS oncogene is found to result in the accumulation of the active form of this kinase, which thus leads to the constitutive activation of MAPK14, and confers oncogenic transformation of primary cells. The inhibition of this kinase is involved in the pathogenesis of Yersina pseudotuberculosis. Multiple alternatively spliced transcript variants that encode distinct isoforms have been reported for this gene.
基因ID	5606
基因名	MAP2K3
Swiss	P46734 (https://www.uniprot.org/uniprotkb/P46734/entry)
别名	MAP2K3,MAPKK3,MEK3,MKK3,PRKMK3,SAPKK-2,SAPKK2,MKK3 (Phospho-Ser189) Antibody,MAPK/ERK kinase 3,Stress-activated protein kinase kinase 2,SKK2,MKK3 (Phospho-Ser189)

产品验证

实验步骤

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