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Phospho-MAP3K5-S83 Rabbit pAb

货号: AYP15660

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	69kDa/154kDa
实测分子量	155kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	K-562
细胞定位	Cytoplasm,Endoplasmic reticulum
纯化	Affinity purification

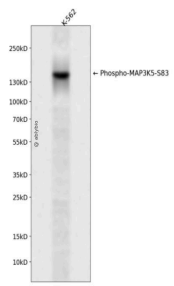
抗原信息

抗原信息	A synthetic phosphorylated peptide around S83 of human MAP3K5 (NP_005914.1).

靶点信息

研究背景	Mitogen-activated protein kinase (MAPK) signaling cascades include MAPK or extracellular signal-regulated kinase (ERK), MAPK kinase (MKK or MEK), and MAPK kinase kinase (MAPKKK or MEKK). MAPKK kinase/MEKK phosphorylates and activates its downstream protein kinase, MAPK kinase/MEK, which in turn activates MAPK. The kinases of these signaling cascades are highly conserved, and homologs exist in yeast, Drosophila, and mammalian cells. MAPKKK5 contains 1,374 amino acids with all 11 kinase subdomains. Northern blot analysis shows that MAPKKK5 transcript is abundantly expressed in human heart and pancreas. The MAPKKK5 protein phosphorylates and activates MKK4 (aliases SERK1, MAPKK4) in vitro, and activates c-Jun N-terminal kinase (JNK)/stress-activated protein kinase (SAPK) during transient expression in COS and 293 cells; MAPKKK5 does not activate MAPK/ERK.
基因ID	4217
基因名	MAP3K5
Swiss	Q99683 (https://www.uniprot.org/uniprotkb/Q99683/entry)
别名	MAP3K5,ASK1,MAPKKK5,MEKK5,Phospho-MAP3K5-S83 Rabbit pAb,Apoptosis signal-regulating kinase 1,MAPK/ERK kinase kinase 5

产品验证



Western blot analysis of Phospho-MAP3K5-S83 expressed in K-562 using Phospho-MAP3K5-S83 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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