

ASK 1 (phospho Ser966) Rabbit Polyclonal Antibody

Catalog# UZ-PA00991

Product information

产品货号	UZ-PA00991
别名	MAP3K5; ASK1; MAPKKK5; MEKK5; Mitogen-activated protein kinase kinase kinase 5; Apoptosis signal-regulating kinase 1; ASK-1; MAPK/ERK kinase kinase 5; MEK kinase 5; MEKK 5
产品名称	ASK 1 (phospho Ser966) Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	MAP3K5
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	4217
Human Swissprot No.	Q99683
免疫原	The antiserum was produced against synthesized peptide derived from human ASK1 a round the phosphorylation site of Ser966. AA range:932-981
稀释度	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:20000, IF-P/IF-F/IF-ICC 1:50-200
预测分子量	155kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	Mitogen-activated protein kinase (MAPK) signaling cascades include MAPK or extra cellular signal-regulated kinase (ERK), MAPK kinase (MKK or MEK), and MAPK kinase kinase (MAPKKK or MEKK). MAPKK kinase/MEKK phosphorylates and activates its down stream protein kinase, MAPK kinase/MEK, which in turn activates MAPK. The kinase s 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 ki nase subdomains. Northern blot analysis shows that MAPKKK5 transcript is abundan tly expressed in human heart and pancreas. The MAPKKK5 protein phosphorylates an d 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. [provided by Re
细胞定位	Cytoplasm . Endoplasmic reticulum. Interaction with 14-3-3 proteins alters the di stribution of MAP3K5/ASK1 and restricts it to the perinuclear endoplasmic reticu lum region.
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatogra phy using epitope-specific immunogen.
Clonality	Polyclonal