ASK1 (Phospho Thr838) Rabbit Polyclonal Antibody

Catalog# UZ-PA00994

Product information

产品货号	UZ-PA00994
别名	Mitogen-activated protein kinase kinase kinase 5 (EC 2.7.11.25;Apoptosis signal-regulating kinase 1;ASK-1;MAPK/ERK kinase kinase 5;MEK kinase 5;MEKK 5);ASK1;MAPKKK5;MEKK5
产品名称	ASK1 (Phospho Thr838) Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	MAP3K5
推荐应用	WB,ELISA
反应种属	Human,Rat,Mouse
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	Synthesized peptide derived from human ASK1 (Phospho Thr838)
稀释度	WB 1:1000-2000, ELISA 1:5000-20000
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	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Contains an N-terminal autoinhibitory domain. Activated by phosphorylation at Thr-838, inhibited by phosphorylation at Ser-966 and Ser-1033. Binds to, and stabilizes MAP3K6 and is activated by MAP3K6 by phosphorylation on Thr-838.,function:Component of a protein kinase signal transduction cascade. Phosphorylates and activates MAP2K4 and MAP2K6, which in turn activate the JNK and p38 MAP kinases, respectively. Overexpression induces apoptotic cell death.,induction:By TNF-alpha. Inhibited by HIV-1 Nef.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Homodimer when inactive. Binds both upstream activators and downstream substrates in multimolecular complexes. Associates with and inhibited by HIV-1 Nef. Interacts with DAB2IP and PPM1L.,tissue specificity:Abundantly expressed in heart and pancreas.,
细胞定位	Cytoplasm . Endoplasmic reticulum. Interaction with 14-3-3 proteins alters the distribution of MAP3K5/ASK1 and restricts it to the perinuclear endoplasmic reticulum region.
纯化	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Clonality	Polyclonal