ASK1 Rabbit pAb

db1173 **Package : 20μL 50μL 100μL**

Product Name : ASK1 Rabbit pAb
Cat.No.: db1173
Synonyms : ASK1; MEKK5; MAPKKK5
Application : WB, IHC, ICC/IF, FC
Reactivity : Human, Mouse
Host species : Rabbit

Background	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. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human ASK1
Gene ID	4217
Swiss Prot	Q99683
Synonyms	ASK1; MEKK5; MAPKKK5
Reactivity	Human, Mouse
Application	WB, IHC, ICC/IF, FC
Recommended dilution	WB: 1:1000 IHC: 1:50 ICC/IF: 1:20-1:50 FC: 1:20
Calculated MW	155 kDa
Observed MW	155 kDa
Host species	Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.