

## 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.

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