

兔抗 MAP3K5(Ab-966)多克隆抗体

- 中文名称：兔抗 MAP3K5(Ab-966)多克隆抗体
- 英文名称：Anti-MAP3K5(Ab-966) rabbit polyclonal antibody
- 别名：ASK1; MEKK5; MAPKKK5
- 相关类别：一抗
- 储存：冷冻 (-20℃)
- 抗原：MAP3K5(Ab-966)
- 宿主：Rabbit
- 反应种属：Human, Mouse, Rat
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

技术规格

IF Recommended dilution	100-200
IF Positive control:	Hela cells
WB Recommended dilution:	500-1000
WB Positive control:	293 and Hela cell lysates
WB Predicted band size:	155 kDa
IHC Recommend dilution:	50-100
IHC positive control:	Human breast carcinoma
SwissProt:	Q99683
Synonyms:	ASK1; MEKK5; MAPKKK5
Full name:	mitogen-activated protein kinase kinase kinase 5
Immunogen:	Peptide sequence around aa.964-968 (S-I-S-L-P) derived from Human MAP3K5
Name of antibody:	MAP3K5(Ab-966)
Applications:	WB, IHC, IF

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.



