

兔抗 MAP3K4 多克隆抗体

中文名称：兔抗 MAP3K4 多克隆抗体

英文名称： Anti-MAP3K4 rabbit polyclonal antibody

别名： MTK1; MEKK4; MAPKKK4; PRO0412

相关类别 一抗

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： MAP3K4

反应种属： Human

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:

The central core of each mitogen-activated protein kinase (MAPK) pathway is a conserved cascade of 3 protein kinases: an activated MAPK kinase kinase (MAPKKK) phosphorylates and activates a specific MAPK kinase (MAPK K), which then activates a specific MAPK. While the ERK MAPKs are activated by mitogenic stimulation, the CSBP 2 and JNK MAPKs are activated by environmental stresses such as osmotic shock, UV irradiation, wound stress, and inflammatory factors. This gene encodes a MAPKKK, the MEKK4 protein, also called MTK1. This protein contains a protein kinase catalytic domain at the C terminus.

	<p>The N-terminal nonkinase domain may contain a regulatory domain. Expression of MEKK4 in mammalian cells activated the CSBP2 and JNK MAPK pathways, but not the ERK pathway. In vitro kinase studies indicated that recombinant MEKK4 can specifically phosphorylate and activate PRKMK6 and SERK1, MAPKKs that activate CSBP2 and JNK, respectively but cannot phosphorylate PRKMK1, a MAPKK that activates ERKs. MEKK4 is a major mediator of environmental stresses that activate the CSBP2 MAPK pathway, and a minor mediator of the JNK pathway. Two alternatively spliced transcripts encoding distinct isoforms have been described.</p>
Applications:	ELISA, IHC
Name of antibody:	MAP3K4
Immunogen:	Synthetic peptide of human MAP3K4
Full name:	mitogen-activated protein kinase kinase kinase 4
Synonyms :	MTK1; MEKK4; MAPKKK4; PRO0412
SwissProt:	Q9Y6R4
ELISA Recommended dilution:	1000-5000
IHC positive control:	Human breast cancer and Human thyroid cancer
IHC Recommend dilution:	25-100

