

## MAP3K4 polyclonal antibody

Catalog: BS61073

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Mitogen-activated protein (MAP) kinase cascades are activated by various extracellular stimuli including growth factors. The MEK kinases (also designated MAP kinase kinase kinases, MKKKs, MAP3Ks or MEKKs) phosphorylate and thereby activate the MEKs (also called MAP kinase kinases or MKKs), including ERK, JNK and p38. These activated MEKs in turn phosphorylate and activate the MAP kinases. The MEK kinases include Raf-1, Raf-B, Mos, MEK kinase-1, MEK kinase-2, MEK kinase-3, MEK kinase-4, ASK 1 (MEK kinase-5) and MAP3K6 (MEK kinase-6). MEK kinase-1 has been shown to phosphorylate MEK-1 via Raf-independent pathway. Evidence suggests that MEK-3 is preferentially activated by MEK kinase-3 and that MEK-4 is activated by both MEK kinase-2 and MEK kinase-3. MEK kinase-4 has been shown to specifically activate the JNK path-way. ASK1 activates both MEK-4 and MEK-3/MEK-6 pathways.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 182 kDa

### Swiss-Prot:

Q9Y6R4

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

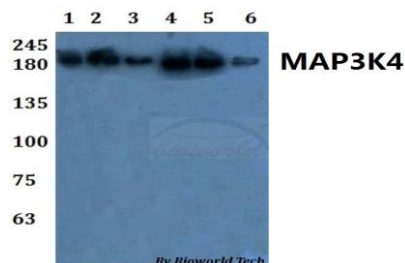
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

MAP3K4 polyclonal antibody detects endogenous levels of MAP3K4 protein.

### DATA:



Western blot (WB) analysis of MAP3K4 polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate

Lane2:HEK293T whole cell lysate

Lane3:PC12 whole cell lysate

Lane4:SP20 whole cell lysate

Lane5:H9C2 whole cell lysate

Lane6:Raw264.7 whole cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

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