

## MAP4K4

**Reactivity:** Human

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 151kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A synthetic peptide of human MAP4K4

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HGK; NIK; MEKKK4; FLH21957; MAP4K4; FLJ10410; FLJ20373; FLJ90111; KIAA0687;

**Catalog #:** A2613

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 9448

**Isotype:** IgG

**Swiss Prot:** O95819

**Purity:** Affinity purification

For research use only.

**Background:**

HGK (MAP4K4 or mitogen-activated protein kinase kinase kinase 4) is a serine/threonine kinase that belongs to the mammalian STE20/MAP4K kinase family involved in response to environmental stress and cytokines such as TNF- (1-3). HGK specifically activates the c-Jun N-terminal kinase (JNK) signaling pathway and increases AP-1-mediated transcriptional activity in vivo (1). HGK is broadly expressed in many types of human cancer and cancer cell lines and plays an important role in cell transformation, invasiveness, adhesion and migration (4,5).

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