

## MAP3K12

**Reactivity:** Human

**Tested applications:** WB

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

**Calculated MW:** 93kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human MAP3K12

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

DLK; MUK; ZPK; ZPKP1; MEKK12;

**Catalog #:** A8464

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 7786

**Isotype:** IgG

**Swiss Prot:** Q12852

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes a member of the serine/threonine protein kinase family. This kinase contains a leucine-zipper domain and is predominately expressed in neuronal cells. The phosphorylation state of this kinase in synaptic terminals was shown to be regulated by membrane depolarization via calcineurin. This kinase forms heterodimers with leucine zipper containing transcription factors, such as cAMP responsive element binding protein (CREB) and MYC, and thus may play a regulatory role in PKA or retinoic acid induced neuronal differentiation. Alternatively spliced transcript variants encoding different proteins have been described.

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