

## MAP3K7

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IF IP

**Recommended Dilution:** WB 1:500 - 1:1000 IF 1:50- 1:500 IP 1:20- 1:100

**Calculated MW:** 67kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A synthetic Peptide of human MAP3K7

**Storage Buffer:**

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

**Synonym:**

TAK1; MEKK7; TGF1a

**Catalog #:** A11084

**Antibody Type:**

Monoclonal Antibody

**Species:** Mouse

**Gene ID:** 6885

**Isotype:** IgG

**Swiss Prot:** O43318

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

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