

## Phospho-MAPK9/MAPK10-T183

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:1000 IHC 1:50 - 1:100

**Calculated MW:**46/54kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding T183 of human MAPK9/MAPK10

**Storage Buffer:**

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

**Synonym:**

JNK2;

**Catalog #:**AP0395

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5601/ 5602

**Isotype:**IgG

**Swiss Prot:**P45984/P53779

**Purity:**Affinity purification

For research use only.

**Background:**

Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as c-Jun and ATF2 and thus regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-helper cells into Th1 cells.

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