

## Phospho-MAPK14-T180

**Reactivity:**Human

**Tested applications:**WB

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

**Calculated MW:**43kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding T180 of human MAPK14

**Storage Buffer:**

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

**Concentration:**

iprs

**Synonym:**

MAPK2; MAPKAPK-2; MAPKAPK2;

**Catalog #:**AP0238

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1432

**Isotype:**IgG

**Swiss Prot:**Q16539

**Purity:**Affinity purification

For research use only.

**Background:**

Responds to activation by environmental stress, pro-inflammatory cytokines and lipopolysaccharide (LPS) by phosphorylating a number of transcription factors, such as ELK1 and ATF2 and several downstream kinases, such as MAPKAPK2 and MAPKAPK5. Plays a critical role in the production of some cytokines, for example IL-6. May play a role in stabilization of EPO mRNA during hypoxic stress. Isoform Mxi2 activation is stimulated by mitogens and oxidative stress and only poorly phosphorylates ELK1 and ATF2. Isoform Exip may play a role in the early onset of apoptosis.

**To place an order, please [Click HERE](#).**