

## MAPK14

**Reactivity:** Human Mouse Rat

**Tested applications:** WB FC

**Recommended Dilution:** WB 1:200 - 1:2000 FC 1:20 - 1:50

**Calculated MW:** 41kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human MAPK14

**Storage Buffer:**

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

**Concentration:**

iprs

**Synonym:**

P38, CSAID binding protein, CSBP, CSBP1, CSBP2, CSPB1, EXIP, MAP kinase 14, MAP kinase MXI2, MAP kinase p38 alpha, MAPK 14, MAPK14, MAX interacting protein 2, Mxi2, p38, p38ALPHA, PRKM14, PRKM15, RK, SAPK2A;

**Background:**

MAPK14 (mitogen-activated protein kinase 14) is also named as SAPK2A, p38MAPK, CSBP1, RK, p38, EXIP, Mxi2, CSBP2, PRKM14, PRKM15, CSPB1, p38ALPHA and belongs to the MAP kinase subfamily. MAPK14-signaling is a central pathway for the integration of instructive signals in dendritic cells for T(H)17 differentiation and inflammation (PMID:22231518). It plays an important role in the regulation of hematopoietic stem cell self-renewal in vitro and inhibition of MAPK14 activation with a small molecule inhibitor may represent a novel approach to promote ex vivo expansion of hematopoietic stem cell (PMID:21198398). This protein has 4 isoforms produced by alternative splicing.

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

**Catalog #:** A8038

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 1432

**Isotype:** IgG

**Swiss Prot:** Q16539

**Purity:** Affinity purification

For research use only.