www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

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;

Catalog #:A8038

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:1432

Isotype: IgG

Swiss Prot:Q16539

Purity: Affinity purification

For research use only.

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 cellself-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.

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