

P38 Polyclonal Antibody

Catalog Number:D-AB-10194L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

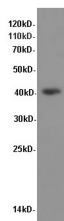
Description

Reactivity	Human,Mouse
Immunogen	Recombinant Mouse Mapk14 protein expressed by E.coli
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH 7.4

Applications Recommended Dilution

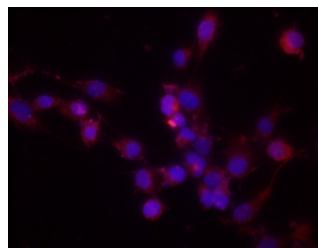
WB	1:500-1:1000
IF	1:50-1:200

Data

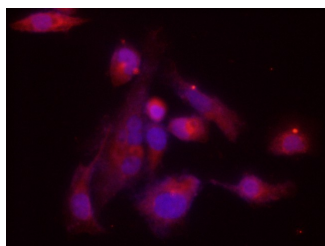


Western Blot analysis of NIH/3T3 cells using P38 Polyclonal Antibody at dilution of 1:600

Observed Mw:41kDa
Calculated Mw:41kDa



Immunofluorescence analysis of NIH/3T3 cells using Mapk14 Polyclonal Antibody at dilution of 1:200



Immunofluorescence analysis of HeLa cells using Mapk14 Polyclonal Antibody at dilution of 1:200

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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

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Tel: 400-999-2100

Email: techsupport@elabscience.cn

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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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