P38 Polyclonal Antibody

Catalog No. E-AB-40058

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

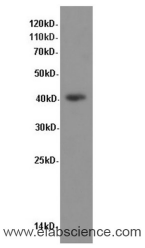
Description

Reactivity	Mouse
Immunogen	Recombinant Mouse Mitogen-activated protein kinase 14 protein
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications — Recommended Dilution

WB	1:500-1:1000

Data



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

Observed Mw:41kDa

Calculated Mw:41kDa

Preparation & Storage

Storage	Store at -20℃. 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 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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