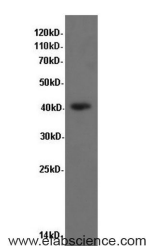


P38 Polyclonal Antibody

Catalog No.	E-AB-40058	Reactivity	M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB	Isotype	IgG

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

Images



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

Immunogen Information

Immunogen	Recombinant Mouse Mitogen-activated protein kinase 14 protein
Swissprot	P47811
Synonyms	CSAID binding protein,CSBP,CSBP1,CSBP2,CSPB1,EXIP,MAP kinase 14,MAP kinase MXI2,MAPK14Mxi2,p38,p38 ALPHA,PRKM14,PRKM15,RK,SAPK2A

Product Information

Calculated MW	41kDa
Observed MW	41kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:1000

Background

MAPK14(mitogen-activated protein kinase 14) is also named as SAPK2A ,p38MAPK,CSBP1,RK,p38,EXIP,Mxi2,CSBP2,PRKM14,PRKM15,CSP B1,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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.