

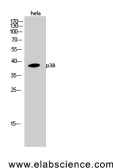
P38 Polyclonal Antibody

Catalog No. E-AB-32461
Storage Store at -20°C. Avoid freeze / thaw cycles.
Applications WB,IHC-p,IF,ELISA

Reactivity H,M,R
Host Rabbit
Isotype IgG

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

Images



Western Blot analysis of Hela cells using p38 Polyclonal Antibody at dilution of 1:1000.

Immunogen Information

Immunogen Synthesized peptide derived from human p38 around the non-phosphorylation site of Tyr323.
Swissprot Q16539
Synonyms MAPK14,CSBP,CSBP1,CSBP2,CSPB1,MXI2,SAPK 2A,Mitogen-activated protein kinase 14,MAP kinase 14,MAPK 14,Cytokine suppressive anti-inflammatory drug-binding protein,CSAID-binding protein,CSBP,MAP kinase MXI2,MAX-interacting protein

Product Information

Calculated MW 41kDa
Observed MW 38kDa
Buffer PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4
Purify Affinity purification
Dilution WB 1:500-1:2000, IHC 1:100-1:300, IF 1:200-1:1000, ELISA 1:5000

Background

Responds to activation by environmental stress, pro-inflammatory cytokines and lipopolysaccharide (LPS) by phosphorylating a number of transcription factors, such as ELK1 and ATF2 and several downstream kinases, such as MAPKAPK2 and MAPKAPK5. Plays a critical role in the production of some cytokines, for example IL-6. May play a role in stabilization of EPO mRNA during hypoxic stress. Isoform Mxi2 activation is stimulated by mitogens and oxidative stress and only poorly phosphorylates ELK1 and ATF2. Isoform Exip may play a role in the early onset of apoptosis.

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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.