Phospho-P38 (Thr180/Tyr182) Polyclonal Antibody

Catalog Number:E-AB-21027 13 Publications

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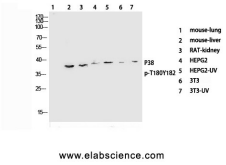
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from human p38 around the phosphorylation site of Thr180/Tyr182
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:100-1:300
IF	1:50-1:200
ELISA	1:5000

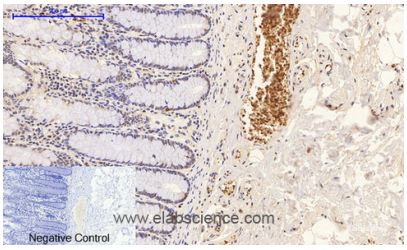
Data



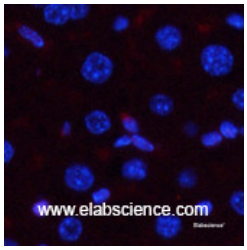
Western Blot analysis of various cells with Phospho-p38 (Thr180/Tyr182) Polyclonal Antibody at dilution of 1:1000

Observed Mw:38kDa

Calculated Mw:41kDa



Immunohistochemistry of paraffin-embedded Human colon tissue with Phospho-p38 (Thr180/Tyr182) Polyclonal Antibody at dilution of 1:200



Immunofluorescence analysis of Mouse liver tissue with Phospho-p38 (Thr180/Tyr182) Polyclonal Antibody at dilution of 1:200

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

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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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