Product Datasheet

p38 Antibody

Catalog No: #35478

Package Size: #35478 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

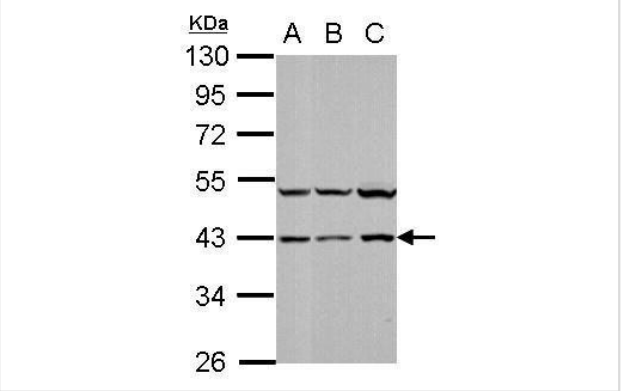
Description

Product Name	p38 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total p38 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment contain a sequence corresponding to a region within amino acids 1 and 310 of p38 alpha.
Conjugates	Unconjugated
Target Name	p38
Other Names	CSBP antibody; CSBP1 antibody; CSBP2 antibody; CSPB1 antibody; EXIP antibody; Mxi2 antibody; PRKM14 antibody; PRKM15 antibody; RK antibody; SAPK2A antibody; p38 antibody; p38ALPHA antibody; MAPK14 antibody; mitogen-activated protein kinase 14 antibody; Cs
Accession No.	Swiss-Prot#:Q16539;NCBI Gene#:1432
SDS-PAGE MW	41kd
Concentration	0.64mg/ml
Formulation	Rabbit IgG in 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:3000

Images



Sample (30 ug of whole cell lysate)
A: 293T
B: HepG2
C: Molt-4
10% SDS PAGE
#35478 diluted at 1:1000

Background

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various environmental stresses and proinflammatory cytokines. The activation requires its phosphorylation by MAP kinase kinases (MKKs), or its autophosphorylation triggered by the interaction of MAP3K7IP1/TAB1 protein with this kinase. The substrates of this kinase include transcription regulator ATF2, MEF2C, and MAX, cell cycle regulator CDC25B, and tumor suppressor p53, which suggest the roles of this kinase in stress related transcription and cell cycle regulation, as well as in genotoxic stress response. Four alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]

Published Papers

Jing Guan;Xin Tong;Yi Zhang;Fan Xu;Yuxin Zhang;Xiurui Liang;Jiaqi Jin;Hongyan Jing;Liuxian Guo;Xinrui Ni;Jihua Fu el at., Nephrotoxicity induced by cisplatin is primarily due to the activation of the 5-hydroxytryptamine degradation system in proximal renal tubules, , (2021)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.