

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-p38 MAPK



Numéro de catalogue: 14064-1-AP

Phare

307 Publications

Informations de base

Numéro de catalogue: 14064-1-AP	Numéro d'acquisition GenBank: BC031574	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 300 µg/ml by Nanodrop;	Identification du gène (NCBI): 1432	Dilutions recommandées: IHC 1:50-1:500 IF 1:20-1:200
Hôte: Lapin	Nom complet: mitogen-activated protein kinase 14	
Isotype: IgG	MW calculé 360 aa, 41 kDa	
Immunogen Catalog Number: AG5115	MW observés: 38-42 kDa	

Applications

Applications testées:

IF, IHC, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

canin, Humain, Lapin, poisson-zèbre, porc, poulet, rat, souris, fish

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

IHC : tissu de cancer du côlon humain, tissu de cancer du foie humain

IF : cellules HepG2,

Informations générales

MAPK14(mitogen-activated protein kinase 14) is also named as SAPIK2A, 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 cell self-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 some isoforms with MW 29-31 kDa, 35 kDa and 41 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Zemin Zhu	36175845	BMC Mol Cell Biol	WB
Xin-Sen Chen	36182039	Pharmacol Res	WB
Liping Wang	34559939	IUBMB Life	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

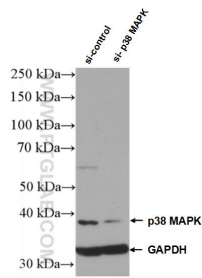
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

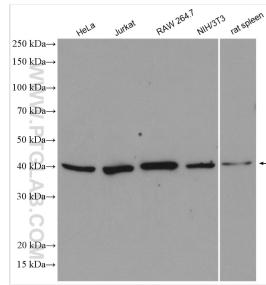
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

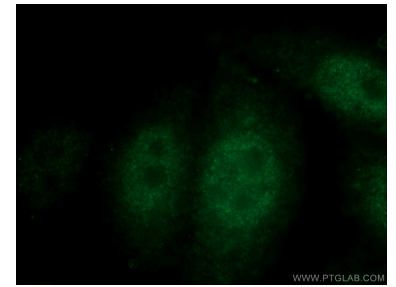
Données de validation sélectionnées



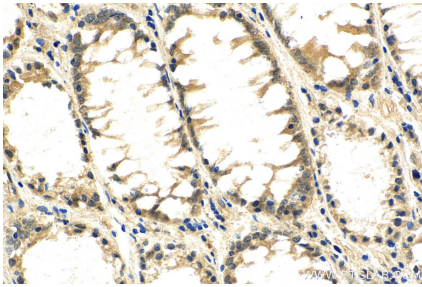
WB result of p38 antibody (14064-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-p38 transfected Jurkat cells.



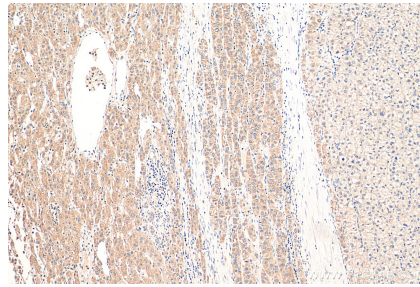
Various lysates were subjected to SDS PAGE followed by western blot with 14064-1-AP (p38 MAPK antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



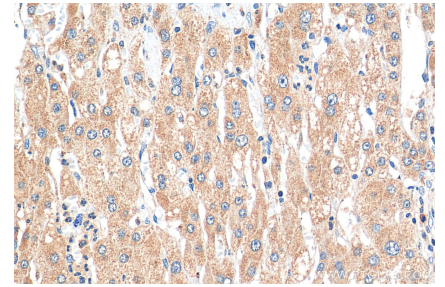
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 14064-1-AP (p38 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14064-1-AP (p38 MAPK antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14064-1-AP (p38 MAPK antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14064-1-AP (p38 MAPK antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).