

Nur für Forschungszwecke

p38 MAPK Polyklonaler Antikörper

Katalog-Nr.:14064-1-AP

Vorgestelltes Produkt

283 Publikationen



Allgemeine Informationen

Katalog-Nr.: 14064-1-AP	GenBank-Zugangsnummer: BC031574	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 300 µg/ml von Nanodrop;	GeneID (NCBI): 1432	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: mitogen-activated protein kinase 14	
Isotyp: IgG	Berechnete Masse: 360 aa, 41 kDa	
Immunogen Katalognummer: AG5115	Beobachtete Masse: 38-42 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Fisch, Hausschwein, Huhn, Human, Kaninchen, Maus, Ratte, Zebrafisch

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, Jurkat-Zellen, Mausherzgewebe, Neuro-2a-Zellen, NIH/3T3-Zellen, Rattenherzgewebe, Rattenmilzgewebe, RAW 264.7-Zellen

IHC : humanes Kolonkarzinomgewebe, humanes Leberkarzinomgewebe

IF : HepG2-Zellen,

Hintergrundinformationen

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 some isoforms with MW 29-31 kDa, 35 kDa and 41 kDa.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

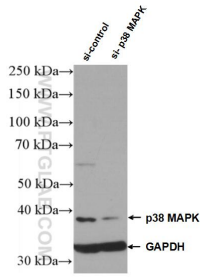
For technical support and original validation data for this product please contact:

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

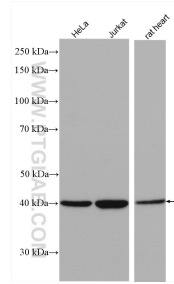
E: proteintech@ptglab.com
W: ptglab.com

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

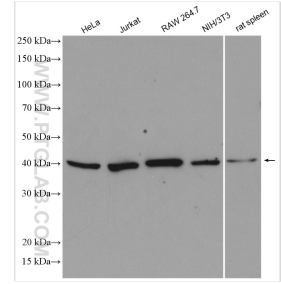
Ausgewählte Validierungsdaten



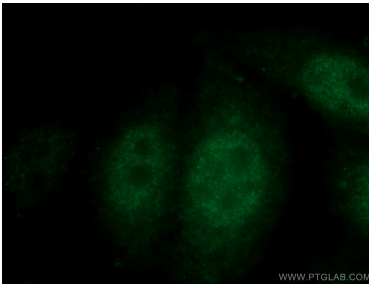
WB result of p38 antibody (14064-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-p38 transfected Jurkat cells.



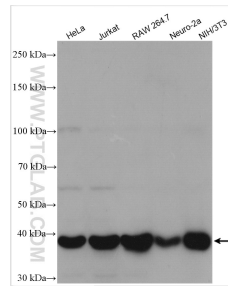
Various lysates were subjected to SDS PAGE followed by western blot with 14064-1-AP (p38 MAPK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



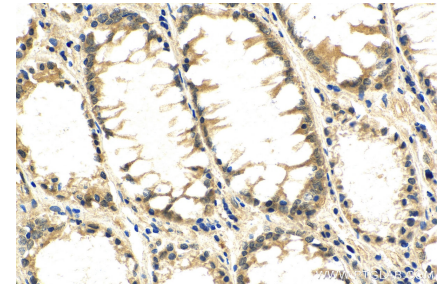
Various lysates were subjected to SDS PAGE followed by western blot with 14064-1-AP (p38 MAPK antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



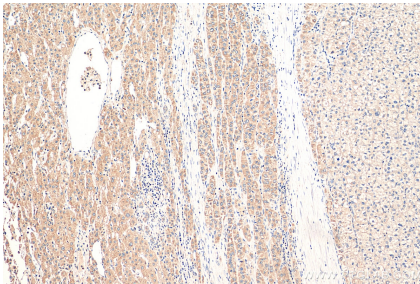
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 14064-1-AP (p38 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



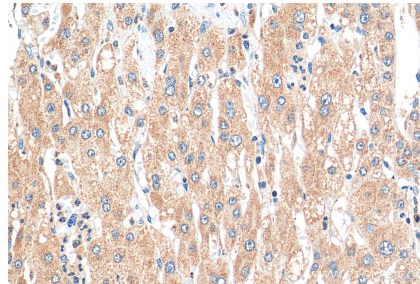
Various lysates were subjected to SDS PAGE followed by western blot with 14064-1-AP (p38 MAPK antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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).