

Allgemeine Informationen

Katalog-Nr.: 10023-1-AP	GenBank-Zugangsnummer: NM_138982	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 400 µg/ml von Nanodrop und 233 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5599	Empfohlene Verdünnungen: WB 1:500-1:3000 IHC 1:50-1:500 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: mitogen-activated protein kinase 8	
Isotyp: IgG	Berechnete Masse: 48 kDa	
Immunogen Katalognummer: AG0019	Beobachtete Masse: 40-45 kDa, 50-55 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

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

Positivkontrollen:

WB : NIH/3T3-Zellen, A431-Zellen, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, MCF-7-Zellen, RAW 264.7-Zellen, SH-SY5Y-Zellen

IHC : humanes Prostatakarzinomgewebe, humanes Lungenkarzinomgewebe, Mausherzgewebe

IF : HeLa-Zellen,

Hintergrundinformationen

MAPK8(Mitogen-activated protein kinase 8) is also named as JNK1, PRKM8, SAPK1, SAPK1C and belongs to the MAP kinase subfamily. MAPK8 is activated by dual phosphorylation at a Thr-Pro-Tyr motif during response to UV light. MAPK8 functions to phosphorylate c-Jun at N-terminal serine regulatory sites of Ser-63 and Ser-73, mapping within the transactivation domain. Phosphorylation of these sites in response to UV results in transcriptional activation of c-Jun. It has 4 isoforms produced by alternative splicing with the molecular weight of 46 kDa and 48 kDa. This protein can be phosphorylated and this antibody recognizes the 46 kDa and 55 kDa bands in western blot(PMID:11062067).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhaohai Wen	36238295	Front Immunol	WB
Jie Yin	30230594	J Pineal Res	WB
Dan-Dan Lin	31572671	Front Oncol	

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**

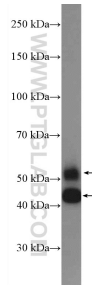
For technical support and original validation data for this product please contact:

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

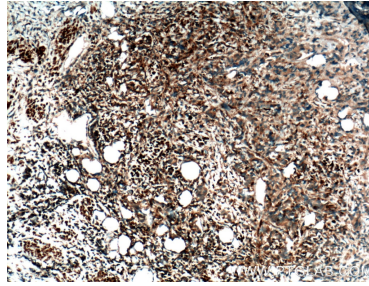
E: proteintech@ptglab.com
W: ptglab.com

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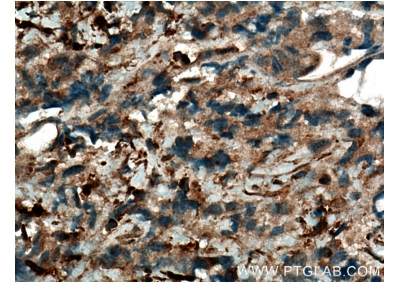
Ausgewählte Validierungsdaten



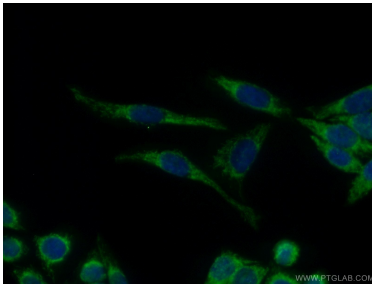
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 10023-1-AP (JNK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 10023-1-AP (JNK 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 prostate cancer tissue slide using 10023-1-AP (JNK Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 10023-1-AP (JNK antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).