

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-JNK



Numéro de catalogue: 10023-1-AP

27 Publications

## Informations de base

Numéro de catalogue:

10023-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0019

Numéro d'acquisition GenBank:

NM\_138982

Identification du gène (NCBI):

5599

Nom complet:

mitogen-activated protein kinase 8

MW calculé

48 kDa

MW observés:

40-45 kDa, 50-55 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

IHC 1:50-1:500

IF 1:20-1:200

## Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

**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:

WB : cellules NIH/3T3, cellules A431, cellules HEK-293, cellules HeLa, cellules Jurkat, cellules MCF-7, cellules RAW 264.7, cellules SH-SY5Y, RAW264.7

IHC : tissu de cancer de la prostate humain, tissu cardiaque de souris, tissu de cancer du poumon humain

IF : cellules HeLa,

## Informations générales

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). This antibody can recognize JNK1, JNK2 and JNK3.

## Publications notables

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

## 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.

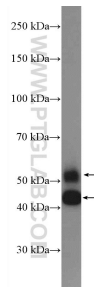
For technical support and original validation data for this product please contact:

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

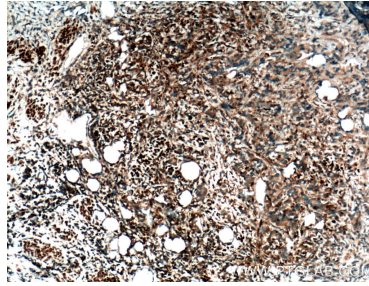
E: proteintech@ptglab.com  
W: ptglab.com

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

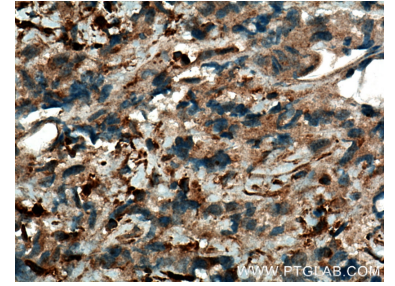
## Données de validation sélectionnées



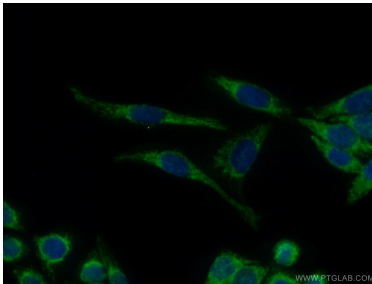
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 10023-1-AP (JNK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).