

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-JNK



Numéro de catalogue: 51151-1-AP

115 Publications

## Informations de base

Numéro de catalogue:

51151-1-AP

Taille:

150ul, Concentration: 450 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM\_138982

Identification du gène (NCBI):

5599

Nom complet:

mitogen-activated protein kinase 8

MW calculé

48 kDa

MW observés:

44-48 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 1:50-1:500

## Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC, IP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, porc, rat, souris

Contrôles positifs:

WB : cellules 4T1, cellules A431, cellules C6, cellules HEK-293, cellules HepG2, cellules Jurkat, cellules Neuro-2a, cellules NIH/3T3, tissu cérébral de souris

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

IF : cellules SH-SY5Y,

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

## 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 some 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).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xin-Sen Chen	36182039	Pharmacol Res	WB
Jie Ren	30251384	J Pharm Pharmacol	WB
Haixia Luo	32778560	J Bacteriol	WB

## Stockage

Stockage:

Stocker à -20 °C

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.

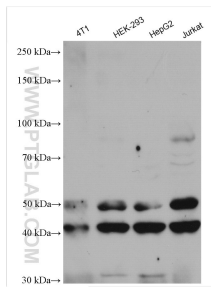
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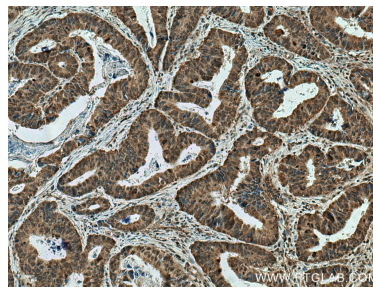
E: proteintech@ptglab.com  
W: ptglab.com

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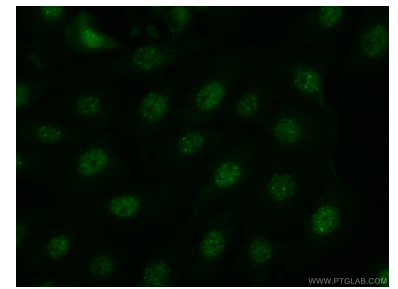
## Données de validation sélectionnées



4T1 cells were subjected to SDS PAGE followed by western blot with 51151-1-AP (JNK antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 51151-1-AP (JNK antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Acetone) fixed SH-SY5Y cells using 51151-1-AP (JNK antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).