

For Research Use Only

JNK Polyclonal antibody

Catalog Number: 51153-1-AP **6 Publications**



Basic Information

Catalog Number:

51153-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1442

GenBank Accession Number:

BC032539

GeneID (NCBI):

5601

UNIPROT ID:

P45984

Full Name:

mitogen-activated protein kinase 9

Calculated MW:

424 aa, 48 kDa

Observed MW:

44-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IF 1:10-1:100

Applications

Tested Applications:

IF/ICC, IP, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat, monkey

Cited Species:

human, mouse, rabbit, rat

Positive Controls:

WB : HeLa cells, A549 cells, COS-7 cells, NIH/3T3 cells

IP : HeLa cells,

IF : HeLa cells, HUVEC cells

Background Information

c-Jun N-terminal kinases (JNKs), first characterized as stress-activated members of the mitogen-activated protein kinase (MAPK) family, have shown their critical roles in the development of a number of cellular progress and diseases, including proliferation, embryonic development, apoptosis, diabetes, neurodegeneration and liver disease (PMID: 19900593). JNK1, JNK2, JNK3 also name as MAPK8, MAPK9, MAPK10, JNK1 and JNK2 are ubiquitously expressed, but JNK3 is expressed primarily in the brain (PMID: 27698029). This antibody can recognize JNK1, JNK2 and JNK3, we get bands around 44-55 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Liyen Chen	29146495	Microb Pathog	WB
Peiyuan Zhang	32427938	Nat Commun	WB
Xuehua Sun	35842555	Neurochem Res	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

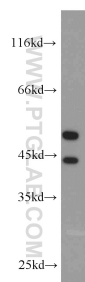
T: 4006900926

E: Proteintech-CN@ptglab.com

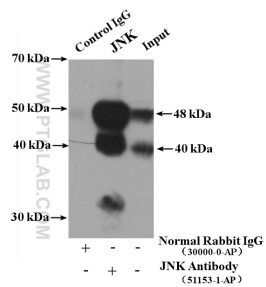
W: ptgcn.com

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

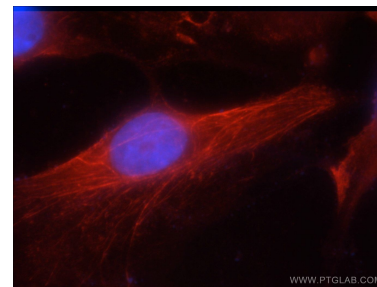
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 51153-1-AP (JNK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-JNK (IP:51153-1-AP, 4ug; Detection:51153-1-AP 1:1000) with HeLa cells lysate 4000ug.



Immunofluorescent analysis of HeLa cells using 51153-1-AP (JNK antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.