

For Research Use Only

# JNK Polyclonal antibody

Catalog Number: 17337-1-AP

7 Publications



## Basic Information

Catalog Number:

17337-1-AP

Concentration:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11372

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:

48 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:200-1:1000

IF/ICC: 1:20-1:200

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue,

IF/ICC : SH-SY5Y 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
Zhuo Xing	40215164	Cell Rep	WB
Li Wang	39752756	Int Immunopharmacol	WB
Peng Liu	39709478	Cardiovasc Diabetol	WB

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

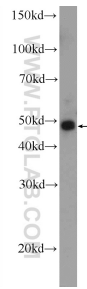
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

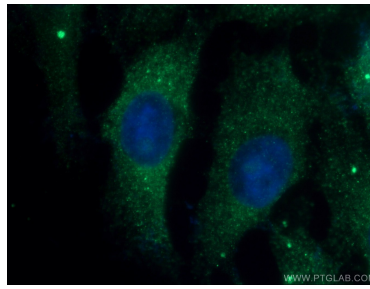
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 17337-1-AP (JNK Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 17337-1-AP (JNK antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).