

For Research Use Only

# JNK Polyclonal antibody

Catalog Number: 17337-1-AP



## Basic Information

<b>Catalog Number:</b> 17337-1-AP	<b>GenBank Accession Number:</b> BC032539	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5601	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> mitogen-activated protein kinase 9	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 424 aa, 48 kDa	
<b>Immunogen Catalog Number:</b> AG11372	<b>Observed MW:</b> 48 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> mouse brain tissue, <b>IF :</b> 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.

## Storage

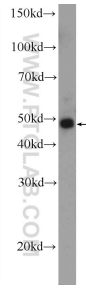
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

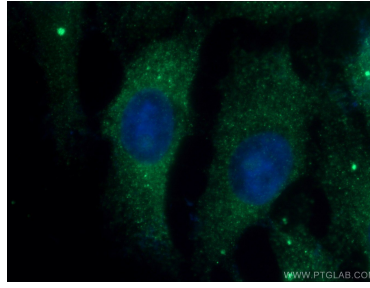
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 17337-1-AP (JNK2 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 AffiniPure Goat Anti-Rabbit IgG(H+L).