

For Research Use Only

JNK Polyclonal antibody

Catalog Number: 17337-1-AP

4 Publications



Basic Information

Catalog Number:

17337-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;

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

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
Shaoyin Wei	39556697	Adv Sci (Weinh)	WB
Yumei Sun	39504627	Biomed Pharmacother	WB
Wei Xiong	39375680	BMC Cancer	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

*** 20ul sizes contain 0.1% BSA

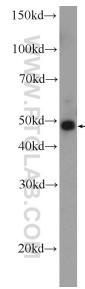
For technical support and original validation data for this product please contact:

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

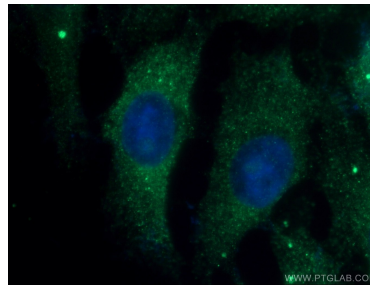
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 17337-1-AP (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).