

For Research Use Only

JNK Polyclonal antibody

Catalog Number: 28007-1-AP

4 Publications



Basic Information

Catalog Number:

28007-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27823

GenBank Accession Number:

BC065516

GeneID (NCBI):

5602

UNIPROT ID:

P53779

Full Name:

mitogen-activated protein kinase 10

Calculated MW:

464 aa, 53 kDa

Observed MW:

45-48 kDa, 54-57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

Human, Mouse, canine

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Neuro-2a cells, MDCK cells, mouse brain tissue, mouse cerebellum tissue

IHC : mouse brain tissue, mouse cerebellum tissue

Background Information

JNK, also named MAPK10 (mitogen-activated protein kinase 10), belongs to MAP kinase family. MAP kinases act as integration points for multiple biochemical signals, and thus are involved in a wide variety of cellular processes, such as proliferation, differentiation, transcription regulation and development. This kinase is mainly expressed in a subset of neurons in the nervous system, and is activated by threonine and tyrosine phosphorylation. JNK has 3 isoforms of 48-53 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Jun Pei	39862509	Sci Total Environ	WB
Xingyu Pan	39442187	Int Immunopharmacol	WB
Yu-Wei Luo	39138195	Nat Commun	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

*** 20ul sizes contain 0.1% BSA

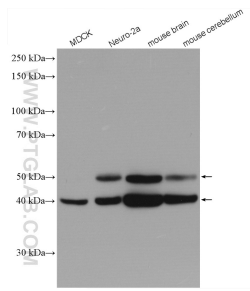
For technical support and original validation data for this product please contact:

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

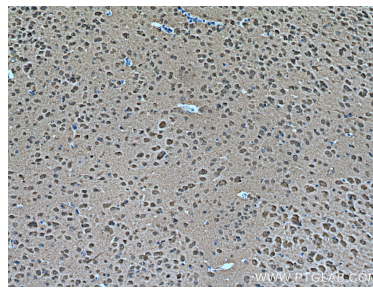
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28007-1-AP (JNK1/2/3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28007-1-AP (JNK1/2/3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).