

For Research Use Only

# JNK Polyclonal antibody

Catalog Number: 28007-1-AP

1 Publications



## Basic Information

Catalog Number:

28007-1-AP

Size:

350 µg/ml

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:

IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

Human, Mouse, canine

Cited Species:

mouse

**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
Jiansen Miao	38216011	Int J Biol Macromol	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:

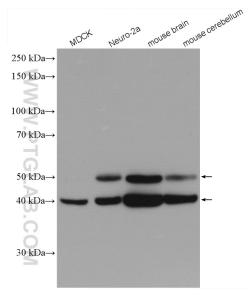
T: 4006900926

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

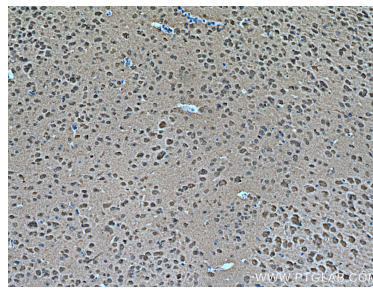
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## Selected Validation Data



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).