

# JNK1 Rabbit mAb

Catalog No.: A23206

Recombinant

3 Publications

## Basic Information

**Observed MW**

44kDa/50kDa

**Calculated MW**

48kDa

**Category**

Primary antibody

**Applications**

ELISA, WB, IHC-P, IF/ICC

**Cross-Reactivity**

Human, Mouse, Rat

**CloneNo number**

ARC52816

## Background

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumor-necrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Several alternatively spliced transcript variants encoding distinct isoforms have been reported.

## Recommended Dilutions

|               |                  |
|---------------|------------------|
| <b>WB</b>     | 1:2000 - 1:20000 |
| <b>IHC-P</b>  | 1:50 - 1:200     |
| <b>IF/ICC</b> | 1:50 - 1:200     |

## Immunogen Information

**Gene ID**

5599

**Swiss Prot**

P45983

**Immunogen**

A synthesized peptide derived from human JNK1.

**Synonyms**

JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2

## Contact

|  |                           |
|--|---------------------------|
|  | 400-999-6126              |
|  | cn.market@abclonal.com.cn |
|  | www.abclonal.com.cn       |

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

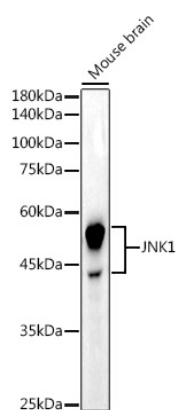
Affinity purification

**Storage**

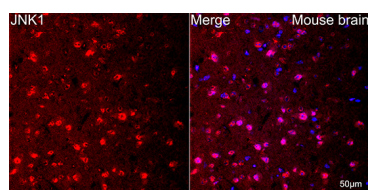
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

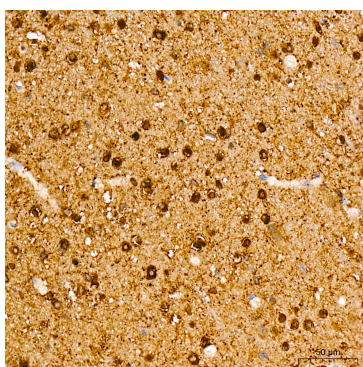
## Validation Data



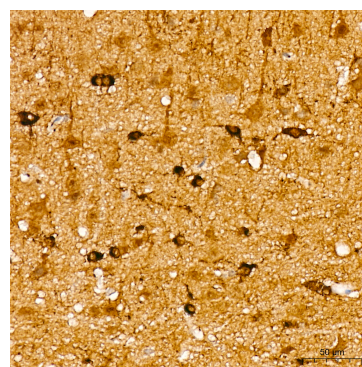
Western blot analysis of various lysates, using JNK1 Rabbit mAb (A23206) at 1:20000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.



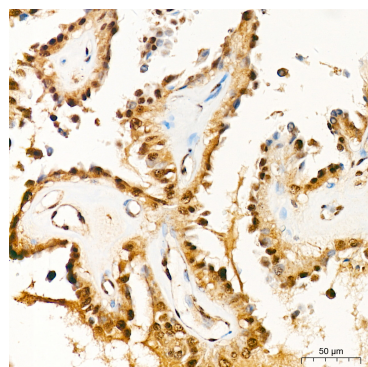
Confocal imaging of paraffin-embedded Mouse brain tissue using JNK1 Rabbit mAb (A23206,dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007,dilution 1:500)(Red).DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



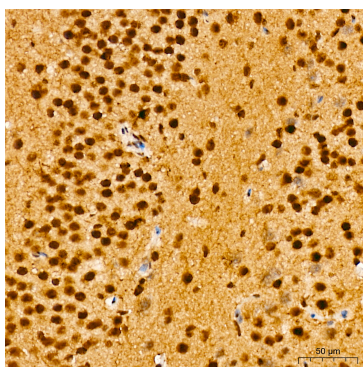
Immunohistochemistry analysis of JNK1 in paraffin-embedded human brain tissue using JNK1 Rabbit mAb (A23206) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



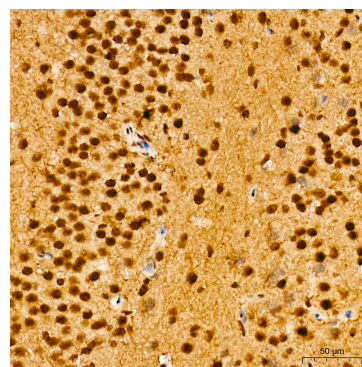
Immunohistochemistry analysis of JNK1 in paraffin-embedded rat brain tissue using JNK1 Rabbit mAb (A23206) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of JNK1 in paraffin-embedded human thyroid cancer tissue using JNK1 Rabbit mAb (A23206) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



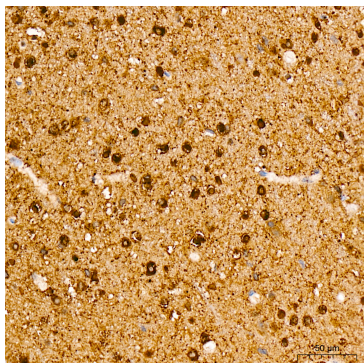
Immunohistochemistry analysis of JNK1 in paraffin-embedded mouse brain tissue using JNK1 Rabbit mAb (A23206) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



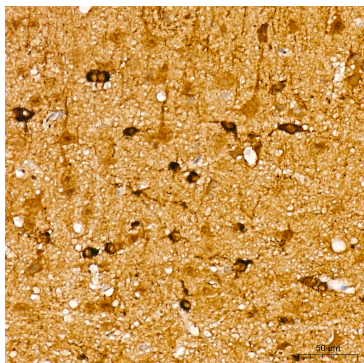
Immunohistochemistry analysis of JNK1 in paraffin-embedded mouse brain tissue using JNK1 Rabbit mAb (A23206) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

## Validation Data

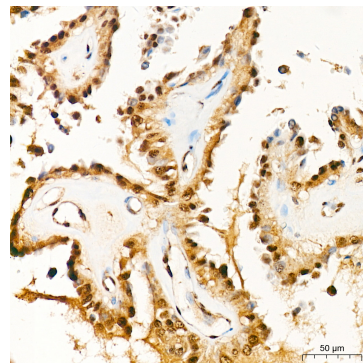
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Immunohistochemistry analysis of JNK1 in paraffin-embedded human brain tissue using JNK1 Rabbit mAb (A23206) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of JNK1 in paraffin-embedded rat brain tissue using JNK1 Rabbit mAb (A23206) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of JNK1 in paraffin-embedded human thyroid cancer tissue using JNK1 Rabbit mAb (A23206) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.