

# JNK1/2/3 Rabbit mAb

Catalog No.: A22376 **Recombinant**

## Basic Information

**Observed MW**

44kDa/54kDa

**Calculated MW**

35kDa/44kDa/48kDa

**Category**

Primary antibody

**Applications**

ELISA, WB, IF/ICC, DB

**Cross-Reactivity**

Human, Mouse, Rat

**CloneNo number**

ARC52817

## 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. [provided by RefSeq, Apr 2016]

## Recommended Dilutions

<b>WB</b>	1:2000 - 1:20000
<b>IF/ICC</b>	1:50 - 1:200
<b>DB</b>	1:500 - 1:1000

## Immunogen Information

**Gene ID**

5599/5601/5602

**Swiss Prot**

P45983/P45984/P53779

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 200-300 of human JNK1 (NP\_620637.1).

**Synonyms**

JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2; JNK3; JNK3A; PRKM10; SAPK1b; p493F12; p54bSAPK; JNK1/JNK3

## Contact

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

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

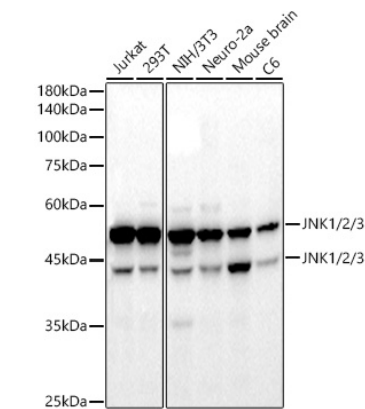
Affinity purification

**Storage**

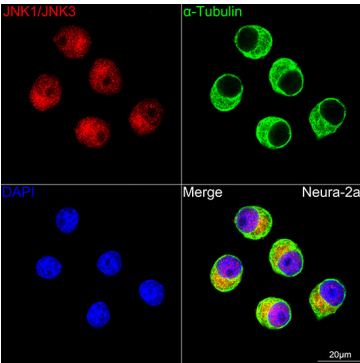
Store at -20°C. Avoid freeze / thaw cycles.

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

## Validation Data



Western blot analysis of various lysates, using JNK1/2/3 Rabbit mAb (A22376) 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: 10s.



Confocal imaging of Neuro-2a cells using JNK1/JNK3 Rabbit mAb (A22376,dilution 1:200)(Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.