

# JNK1 Rabbit pAb

Catalog No.: A2985

## Basic Information

### Observed MW

### Calculated MW

48kDa

### Category

Primary antibody

### Applications

ELISA, IF/ICC

### Cross-Reactivity

Human

## 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 cytochrome 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

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

5599

### Swiss Prot

P45983

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 245-345 of human JNK1 (NP\_620635.1).

### Synonyms

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

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

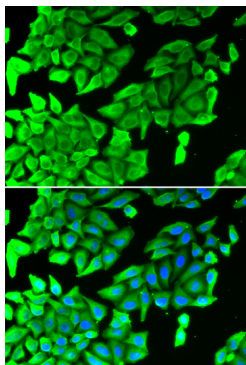
### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Immunofluorescence analysis of U2OS cells using MAPK8 antibody (A2985). Blue: DAPI for nuclear staining.