

# Phospho-JNK1/2-T183/Y185 Rabbit pAb

Catalog No.: AP0473

22 Publications

## Basic Information

**Observed MW**

46kDa/54kDa

**Calculated MW**

35kDa/44kDa/48kDa/27kDa

**Category**

Primary antibody

**Applications**

ELISA, WB

**Cross-Reactivity**

Human, Mouse, Rat

## 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

WB 1:500 - 1:2000

## Immunogen Information

**Gene ID**

5599/5601

**Swiss Prot**

P45983/P45984

**Immunogen**

A synthetic phosphorylated peptide around T183 &amp; Y185 of human JNK1 (P45983).

**Synonyms**

JNK1/2; Phospho-JNK1/2-T183/Y185

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

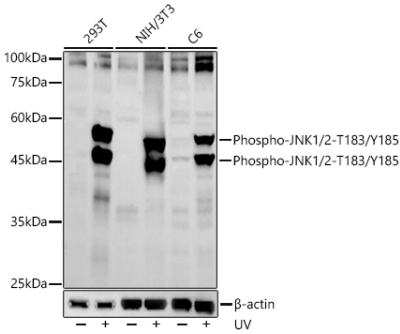
Affinity purification

**Storage**

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

# Validation Data



Western blot analysis of various lysates, using Phospho-JNK1/2-T183/Y185 Rabbit pAb (AP0473) at 1:5000 dilution. 293T, NIH/3T3 and C6 cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.