

AP0473

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

Catalog No.: AP0473

21 Publications

### Basic Information

#### Observed MW

46kDa/54kDa

#### Calculated MW

35kDa/44kDa/48kDa/27kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### 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 & Y185 of human JNK1 (P45983).

#### Synonyms

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

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

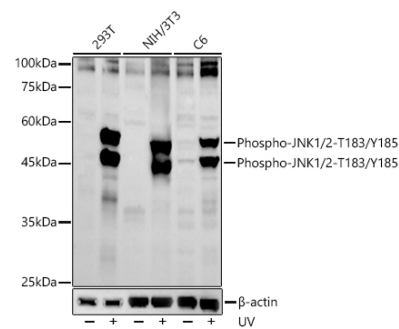
Affinity purification

#### Storage

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

Buffer: PBS with 0.01% 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.