

AP0395

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# Phospho-MAPK9/MAPK10-T183 Rabbit pAb

Catalog No.: AP0395

## Basic Information

### Observed MW

54kDa

### Calculated MW

27kDa/44kDa/48kDa/52kDa

### Category

Polyclonal Antibody

### Applications

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 targets specific transcription factors, and thus mediates immediate-early gene expression in response to various cell stimuli. It is most closely related to MAPK8, both of which are involved in UV radiation induced apoptosis, thought to be related to the cytochrome c-mediated cell death pathway. This gene and MAPK8 are also known as c-Jun N-terminal kinases. This kinase blocks the ubiquitination of tumor suppressor p53, and thus it increases the stability of p53 in nonstressed cells. Studies of this gene's mouse counterpart suggest a key role in T-cell differentiation. Several alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Sep 2008]

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

5601/5602

### Swiss Prot

P45984/P53779

### Immunogen

A phospho specific peptide corresponding to residues surrounding T183 of human MAPK9/MAPK10

### Synonyms

MAPK9/MAPK10; Phospho-MAPK9/MAPK10-T183

## Contact

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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

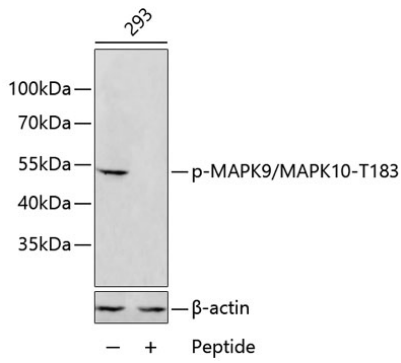
Affinity purification

### Storage

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

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

## Validation Data



Western blot analysis of extracts of 293 cells , using Phospho-MAPK9/MAPK10-T183 antibody (AP0395).

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.