

Phospho-MAPK9/MAPK10-T183 Rabbit pAb

Catalog No.: AP0395

Basic Information

Observed MW

54kDa

Calculated MW

27kDa/44kDa/48kDa/52kDa

Category

Primary 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

Product Information

Source

Rabbit

Isotype

IgG

Purification

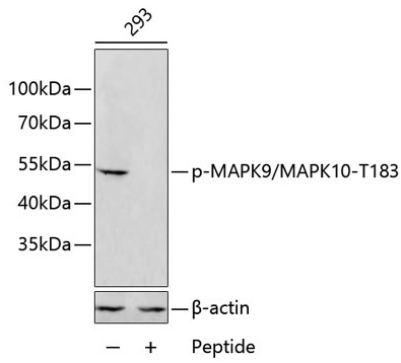
Affinity purification

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.