

A19830

Leader in Biomolecular Solutions for Life Science



MEK3/MEK6 Rabbit mAb

Catalog No.: A19830

Recombinant

2 Publications

Basic Information

Observed MW

34-40kDa

Calculated MW

39,37kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC2356

Background

The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is activated by mitogenic and environmental stress, and participates in the MAP kinase-mediated signaling cascade. It phosphorylates and thus activates MAPK14/p38-MAPK. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter. Expression of RAS oncogene is found to result in the accumulation of the active form of this kinase, which thus leads to the constitutive activation of MAPK14, and confers oncogenic transformation of primary cells. The inhibition of this kinase is involved in the pathogenesis of Yersinia pseudotuberculosis. Multiple alternatively spliced transcript variants that encode distinct isoforms have been reported for this gene. [provided by RefSeq, Jul 2008]

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

5606/5608

Swiss Prot

P46734/P52564

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 248-347 of human MEK3/MEK6 (P46734).

Synonyms

MAPKK3; MEK3; MKK3; PRKMK3; SAPKK-2; SAPKK2; MEK3/MEK6

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

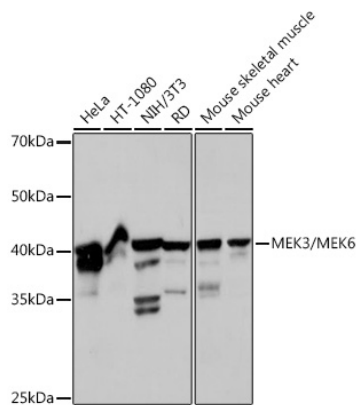
Affinity purification

Storage

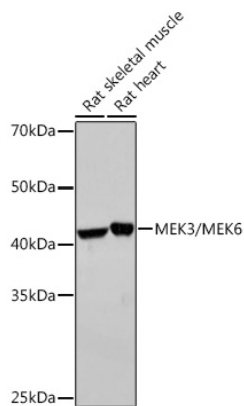
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using MEK3/MEK6 Rabbit mAb (A19830) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Western blot analysis of extracts of various cell lines, using MEK3/MEK6 Rabbit mAb (A19830) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.