

A3695

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## MEKK3 Rabbit mAb

Catalog No.: A3695

Recombinant

### Basic Information

#### Observed MW

78kDa

#### Calculated MW

71kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse

#### CloneNo number

ARC2074

### Background

This gene product is a 626-amino acid polypeptide that is 96.5% identical to mouse Mekk3. Its catalytic domain is closely related to those of several other kinases, including mouse Mekk2, tobacco NPK, and yeast Ste11. Northern blot analysis revealed a 4.6-kb transcript that appears to be ubiquitously expressed. This protein directly regulates the stress-activated protein kinase (SAPK) and extracellular signal-regulated protein kinase (ERK) pathways by activating SEK and MEK1/2 respectively; it does not regulate the p38 pathway. In cotransfection assays, it enhanced transcription from a nuclear factor kappa-B (NFkB)-dependent reporter gene, consistent with a role in the SAPK pathway. Alternatively spliced transcript variants encoding distinct isoforms have been observed.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

4215

#### Swiss Prot

Q99759

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MEKK3 (Q99759).

#### Synonyms

MEKK3; MAPKKK3

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

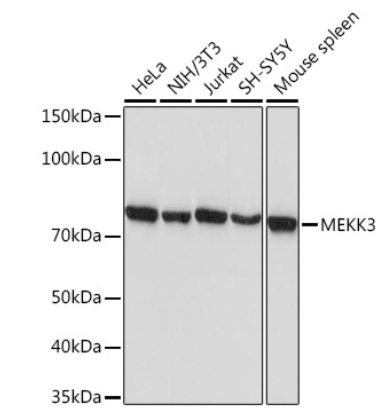
Affinity purification

#### Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

# Validation Data



Western blot analysis of extracts of various cell lines, using MEKK3 Rabbit mAb (A3695) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) 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.