

# Mouse Map2k3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP14441c

#### **Product Information**

Application WB, E
Primary Accession Other Accession NP\_032954.1
Reactivity Human, Mouse

HostRabbitClonalityPolyclonalIsotypeRabbit IgGClone NamesRB34808Calculated MW39296Antigen Region132-160

### **Additional Information**

**Gene ID** 26397

**Other Names**Dual specificity mitogen-activated protein kinase kinase 3, MAP kinase kinase

3, MAPKK 3, MAPK/ERK kinase 3, MEK 3, Map2k3, Mkk3, Prkmk3

**Target/Specificity**This Mouse Map2k3 antibody is generated from rabbits immunized with a

KLH conjugated synthetic peptide between 132-160 amino acids from the

Central region of mouse Map2k3.

**Dilution** WB~~1:1000 E~~Use at an assay dependent concentration.

**Format** Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** Mouse Map2k3 Antibody (Center) is for research use only and not for use in

diagnostic or therapeutic procedures.

#### **Protein Information**

Name Map2k3

Synonyms Mkk3, Prkmk3

**Function** Dual specificity kinase. Is activated by cytokines and environmental stress in

vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38. Part of a signaling cascade that begins with the activation of the adrenergic receptor ADRA1B and leads to the activation of MAPK14.

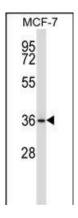
# **Background**

Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38 (By similarity).

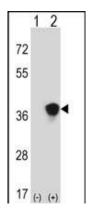
## References

Yang, Z., et al. J. Immunol. 185(10):6205-6213(2010) Remy, G., et al. Cell. Signal. 22(4):660-667(2010) Behren, A., et al. Oncogene 29(10):1519-1530(2010) Nagelin, M.H., et al. J. Biol. Chem. 284(45):31303-31314(2009) Yoshizawa, T., et al. J. Immunol. 183(2):1360-1367(2009)

## **Images**

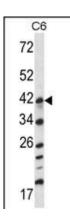


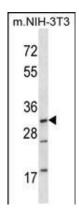
Mouse Map2k3 Antibody (Center) (Cat. #AP14441c) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the Map2k3 antibody detected the Map2k3 protein (arrow).



Western blot analysis of Map2k3 (arrow) using rabbit polyclonal Mouse Map2k3 Antibody (Center) (Cat. #AP14441c). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Map2k3 gene.

Mouse Map2k3 Antibody (Center) (Cat. #AP14441c) western blot analysis in C6 cell line lysates (35ug/lane). This demonstrates the Map2k3 antibody detected the Map2k3 protein (arrow).





Mouse Map2k3 Antibody (Center) (Cat. #AP14441c) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the Map2k3 antibody detected the Map2k3 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.