

Mouse Map2k3 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14441c

Specification

Mouse Map2k3 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O09110
Other Accession	NP_032954.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	39296
Antigen Region	132-160

Mouse Map2k3 Antibody (Center) - 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

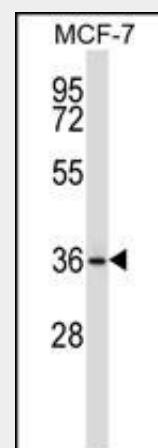
WB~~1:1000

Format

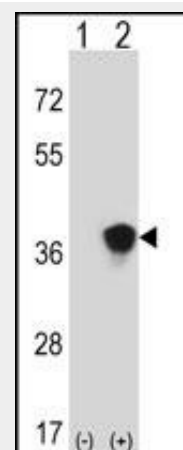
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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.



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.

Precautions

Mouse Map2k3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Map2k3 Antibody (Center) - Protein Information

Name Map2k3

Synonyms Mkk3, Prkmk3

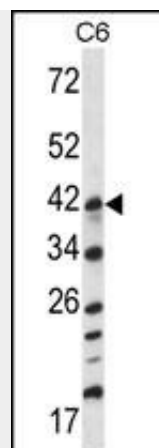
Function

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.

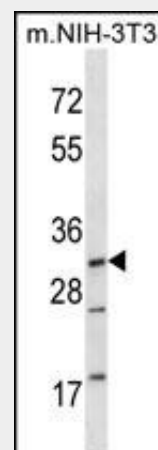
Mouse Map2k3 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



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).

Mouse Map2k3 Antibody (Center) - 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).

Mouse Map2k3 Antibody (Center) - References

Yang, Z., et al. J. Immunol. 185(10):6205-6213(2010)

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Behren, A., et al. Oncogene
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Nagelin, M.H., et al. J. Biol. Chem.
284(45):31303-31314(2009)
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