

## Mouse Map3k1 Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP14625b

### **Specification**

## Mouse Map3k1 Antibody (C-term) Blocking Peptide - Product Information

**Primary Accession** 

P53349

# Mouse Map3k1 Antibody (C-term) Blocking Peptide - Additional Information

#### **Other Names**

Mitogen-activated protein kinase kinase 1, MAPK/ERK kinase 1, MEK kinase 1, MEKK 1, Map3k1, Mekk, Mekk1

#### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

# Mouse Map3k1 Antibody (C-term) Blocking Peptide - Protein Information

Name Map3k1

Synonyms Mekk, Mekk1

#### **Function**

Component of a protein kinase signal transduction cascade (PubMed:<a href="http://www.uniprot.org/citations/14500727" target="\_blank">14500727</a>). Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4 (PubMed:<a href="http://www.uniprot.org/citations/14500727" target="\_blank">14500727</a>). May phosphorylate the MAPK8/JNK1 kinase (PubMed:<a href="http://www.uniprot.org/citations/17761173" target="\_blank">17761173</a>). Activates

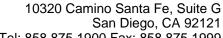
href="http://www.uniprot.org/citations/17761173" target="\_blank">17761173</a>). Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway (PubMed:<a href="http://www.uniprot.org/citations/14500727" target="blank">14500727</a>).

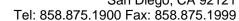
#### **Tissue Location**

Highly expressed in the heart and spleen while a lower level expression is seen in the liver

### Mouse Map3k1 Antibody (C-term) Blocking Peptide - Protocols

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







• Blocking Peptides

Mouse Map3k1 Antibody (C-term) Blocking Peptide - Images

Mouse Map3k1 Antibody (C-term) Blocking Peptide - Background

Component of a protein kinase signal transduction cascade. Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4. Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway.