

## Goat Anti-MAP3K6 Antibody

Peptide-affinity purified goat antibody Catalog # AF2192a

### **Specification**

## Goat Anti-MAP3K6 Antibody - Product Information

Application WB, E
Primary Accession O95382

Other Accession NP\_004663, 9064, 313022 (mouse), 53608 (rat)

Reactivity

Predicted Human, Mouse, Dog

Host Goat
Clonality Polyclonal
Concentration 100ug/200ul

Isotype IgG Calculated MW 142596

# Goat Anti-MAP3K6 Antibody - Additional Information

### **Gene ID 9064**

## **Other Names**

Mitogen-activated protein kinase kinase kinase 6, 2.7.11.25, Apoptosis signal-regulating kinase 2, MAP3K6, ASK2, MAPKKK6, MEKK6

#### **Dilution**

WB~~1:1000 E~~N/A

## **Format**

0.5 mg lgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

Goat Anti-MAP3K6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Goat Anti-MAP3K6 Antibody - Protein Information

### Name MAP3K6

Synonyms ASK2, MAPKKK6, MEKK6



#### **Function**

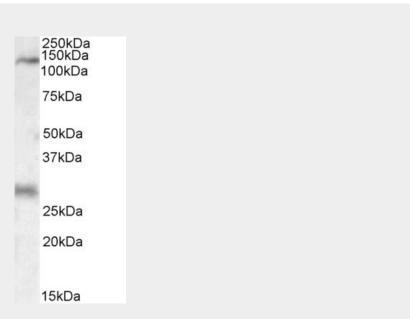
Component of a protein kinase signal transduction cascade. Activates the JNK, but not ERK or p38 kinase pathways.

## Goat Anti-MAP3K6 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# Goat Anti-MAP3K6 Antibody - Images



AF2192a (0.3  $\mu$ g/ml) staining of Rat Heart lysate (35  $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

# Goat Anti-MAP3K6 Antibody - Background

This gene encodes a member of the serine/threonine protein kinase family. The encoded kinase was identified by its interaction with MAP3K5/ASK, a protein kinase and an activator of c-Jun kinase (MAPK7/JNK) and MAPK14/p38 kinase. This kinase was found to weakly activate MAPK7, but not MAPK1/ERK or MAPK14. An alternatively spliced transcript variant has been found for this gene, but its biological validity has not been determined.

### Goat Anti-MAP3K6 Antibody - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.

Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.





Tel: 858.875.1900 Fax: 858.875.1999

Mitogen-activated protein 3 kinase 6 mediates angiogenic and tumorigenic effects via vascular endothelial growth factor expression. Eto N, et al. Am J Pathol, 2009 Apr. PMID 19246638. ASK1 and MAP2K6 as modifiers of age at onset in Huntington's disease. Arning L, et al. J Mol Med, 2008 Apr. PMID 18327563.

Apoptosis signal-regulating kinase (ASK) 2 functions as a mitogen-activated protein kinase kinase kinase in a heteromeric complex with ASK1. Takeda K, et al. J Biol Chem, 2007 Mar 9. PMID 17210579.