

**MAP3K15 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12323c****Specification**

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**MAP3K15 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q6ZN16](#)**MAP3K15 Antibody (N-term) Blocking peptide - Additional Information**

Gene ID 389840

**Other Names**

Mitogen-activated protein kinase kinase kinase 15, Apoptosis signal-regulating kinase 3, MAPK/ERK kinase kinase 15, MEK kinase 15, MEKK 15, MAP3K15, ASK3

**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.

**MAP3K15 Antibody (N-term) Blocking peptide - Protein Information**

Name MAP3K15

Synonyms ASK3

**Function**

Serine/threonine kinase which acts as a component of the MAP kinase signal transduction pathway (PubMed:<a href="http://www.uniprot.org/citations/20362554" target="\_blank">20362554</a>, PubMed:<a href="http://www.uniprot.org/citations/26732173" target="\_blank">26732173</a>). Once activated, acts as an upstream activator of the p38 MAPK signal transduction cascade through the phosphorylation and activation of several MAP kinase kinases (PubMed:<a href="http://www.uniprot.org/citations/20362554" target="\_blank">20362554</a>, PubMed:<a href="http://www.uniprot.org/citations/26732173" target="\_blank">26732173</a>). May function in a signal transduction pathway that is activated by various cell stresses and leads to apoptosis (PubMed:<a href="http://www.uniprot.org/citations/20362554" target="\_blank">20362554</a>). Involved in phosphorylation of WNK4 in response to osmotic stress or hypotonic low- chloride stimulation via the p38 MAPK signal transduction cascade (PubMed:<a href="http://www.uniprot.org/citations/26732173" target="\_blank">26732173</a>).

**Tissue Location**

Isoform 2 and isoform 3 are widely expressed. Isoform 2 highest levels are observed in fetal brain,

and isoform 3 highest levels in pancreas, peripheral blood leukocytes, fetal brain and spleen.

### **MAP3K15 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

### **MAP3K15 Antibody (N-term) Blocking peptide - Images**

### **MAP3K15 Antibody (N-term) Blocking peptide - Background**

The protein encoded by this gene is a member of the mitogen-activated protein kinase (MAPK) family. These family members function in a protein kinase signal transduction cascade, where an activated MAPK kinase kinase (MAP3K) phosphorylates and activates a specific MAPK kinase (MAP2K), which then activates a specific MAPK. This MAP3K protein plays an essential role in apoptotic cell death triggered by cellular stresses. [provided by RefSeq].

### **MAP3K15 Antibody (N-term) Blocking peptide - References**

Kaji, T., et al. Biochem. Biophys. Res. Commun. 395(2):213-218(2010)