

MAP3K15 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7148a**Specification**

MAP3K15 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [O6ZN16](#)
Other Accession [O6ZMV3](#)

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7148a](/product/products/AP7148a) was selected from the N-term region of human MAP3K15. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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: [20362554](http://www.uniprot.org/citations/20362554), PubMed: [26732173](http://www.uniprot.org/citations/26732173)). 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: [20362554](http://www.uniprot.org/citations/20362554), PubMed: [26732173](http://www.uniprot.org/citations/26732173)). May function in a signal transduction pathway that is activated by various cell stresses and leads to apoptosis

(PubMed:20362554).
Involved in phosphorylation of WNK4 in response to osmotic stress or hypotonic low- chloride
stimulation via the p38 MAPK signal transduction cascade (PubMed:26732173).

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

Mitogen-activated protein (MAP) kinases, also known as extracellular signal-regulated kinases (ERKs) are thought to act as an integration point for multiple biochemical signals because they are activated by a wide variety of extracellular signals, are rapidly phosphorylated on threonine and tyrosine residues, and are highly conserved in evolution.

MAP3K15 Antibody (N-term) Blocking Peptide - References

Isogai, T., et al., Unpublished (2004) (): ().