

Mouse Mknk1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13921a**Specification**

Mouse Mknk1 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [O08605](#)**Mouse Mknk1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 17346**Other Names**

MAP kinase-interacting serine/threonine-protein kinase 1, MAP kinase signal-integrating kinase 1, MAPK signal-integrating kinase 1, Mnk1, Mknk1, Mnk1

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13921a was selected from the N-term region of Mouse Mknk1. 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.

Mouse Mknk1 Antibody (N-term) Blocking peptide - Protein Information**Name** Mknk1**Synonyms** Mnk1**Function**

May play a role in the response to environmental stress and cytokines. Appears to regulate translation by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine- containing mRNA cap.

Tissue Location

Ubiquitously expressed in all tissues examined, with high levels in skeletal muscle.

Mouse Mknk1 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Mknk1 Antibody (N-term) Blocking peptide - Images

Mouse Mknk1 Antibody (N-term) Blocking peptide - Background

Mknk1 may play a role in the response to environmental stress and cytokines. Appears to regulate transcription by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.

Mouse Mknk1 Antibody (N-term) Blocking peptide - References

Ueda, T., et al. Proc. Natl. Acad. Sci. U.S.A. 107(32):13984-13990(2010)Furic, L., et al. Proc. Natl. Acad. Sci. U.S.A. 107(32):14134-14139(2010)Joshi, S., et al. Proc. Natl. Acad. Sci. U.S.A. 106(29):12097-12102(2009)Wang, X., et al. Mol. Cell. Biol. 27(21):7405-7413(2007)Chrestensen, C.A., et al. Genes Cells 12(10):1133-1140(2007)