

MLK2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP7920a**Specification**

MLK2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q02779](#)**MLK2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 4294**Other Names**

Mitogen-activated protein kinase kinase kinase 10, Mixed lineage kinase 2, Protein kinase MST, MAP3K10, MLK2, MST

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7920a](/product/products/AP7920a) was selected from the C-term region of human MLK2 . 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.

MLK2 Antibody (C-term) Blocking Peptide - Protein Information**Name** MAP3K10**Synonyms** MLK2, MST**Function**

Activates the JUN N-terminal pathway.

Tissue Location

Expressed in brain and skeletal muscle.

MLK2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MLK2 Antibody (C-term) Blocking Peptide - Images

MLK2 Antibody (C-term) Blocking Peptide - Background

MLK2 is a member of the serine/threonine kinase family. This kinase has been shown to activate MAPK8/JNK and MKK4/SEK1, and this kinase itself can be phosphorylated, and thus activated by JNK kinases. This kinase functions preferentially on the JNK signaling pathway, and is reported to be involved in nerve growth factor (NGF) induced neuronal apoptosis.

MLK2 Antibody (C-term) Blocking Peptide - References

Dorow, D.S., et al., Eur. J. Biochem. 234(2):492-500 (1995). Katoh, M., et al., Oncogene 10(7):1447-1451 (1995). Dorow, D.S., et al., Eur. J. Biochem. 213(2):701-710 (1993).