

Mouse Map3k9 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP14135b**Specification**

Mouse Map3k9 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q3U1V8](#)**Mouse Map3k9 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 338372**Other Names**

Mitogen-activated protein kinase kinase kinase 9, Map3k9

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP14135b was selected from the C-term region of Mouse Map3k9. 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 Map3k9 Antibody (C-term) Blocking peptide - Protein Information**Name** Map3k9**Function**

Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. Plays an important role in the cascades of cellular responses evoked by changes in the environment. Once activated, acts as an upstream activator of the MKK/JNK signal transduction cascade through the phosphorylation of MAP2K4/MKK4 and MAP2K7/MKK7 which in turn activate the JNKs. The MKK/JNK signaling pathway regulates stress response via activator protein-1 (JUN) and GATA4 transcription factors. Also plays a role in mitochondrial death signaling pathway, including the release cytochrome c, leading to apoptosis (By similarity).

Tissue Location

Expressed in cochlea and utricle.

Mouse Map3k9 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Map3k9 Antibody (C-term) Blocking peptide - Images**Mouse Map3k9 Antibody (C-term) Blocking peptide - Background**

Map3k9 activates the JUN N-terminal pathway.

Mouse Map3k9 Antibody (C-term) Blocking peptide - References

Craig, E.A., et al. Dev. Dyn. 237(11):3102-3114(2008)Bisson, N., et al. Cell Cycle
7(7):909-916(2008)Kihara, T., et al. Exp. Cell Res. 314(3):629-637(2008)Piao, Y., et al. Genome Res.
11(9):1553-1558(2001)