10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mouse Map4k4 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP14459c

Specification

Mouse Map4k4 Antibody (Center) Blocking Peptide - Product Information

Primary Accession P97820

Mouse Map4k4 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 26921

Other Names
Mitogen-activated protein kinase kinase kinase kinase 4, HPK/GCK-like kinase HGK, MAPK/ERK kinase kinase kinase 4, MEK kinase kinase 4, MEKKK 4, Nck-interacting kinase, Map4k4, Nik

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 Map4k4 Antibody (Center) Blocking Peptide - Protein Information

Name Map4k4

Synonyms Nik

Function
Serine/threonine kinase that may play a role in the response to environmental stress and cytokines such as TNF-alpha. Appears to act upstream of the JUN N-terminal pathway. Phosphorylates SMAD1 on Thr-322 (By similarity).

Cellular Location
Cytoplasm.

Tissue Location
Appears to be ubiquitous, expressed in all tissue types examined. Highest levels observed in heart and brain

Mouse Map4k4 Antibody (Center) Blocking Peptide - Protocols

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

- Blocking Peptides

Mouse Map4k4 Antibody (Center) Blocking Peptide - Images

Mouse Map4k4 Antibody (Center) Blocking Peptide - Background

Serine/threonine kinase that may play a role in the response to environmental stress and cytokines such as TNF-alpha. Appears to act upstream of the JUN N-terminal pathway.

Mouse Map4k4 Antibody (Center) Blocking Peptide - References

Maruyama, T., et al. J. Bone Miner. Res. 25(5):1058-1067(2010)Guntur, K.V., et al. J. Biol. Chem. 285(9):6595-6603(2010)Aouadi, M., et al. Nature 458(7242):1180-1184(2009)Wittwer, T., et al. Biochem. Biophys. Res. Commun. 371(2):294-297(2008)Tesz, G.J., et al. J. Biol. Chem. 282(27):19302-19312(2007)