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Mouse Map4k4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14459C

Specification

Mouse Map4k4 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P97820
Other Accession	NP_032722.2
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**140602**
Antigen Region	**506-534**

Mouse Map4k4 Antibody (Center) - 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

Target/Specificity
This Mouse Map4k4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 506-534 amino acids from the Central region of mouse Map4k4.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Mouse Map4k4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Map4k4 Antibody (Center) - 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.

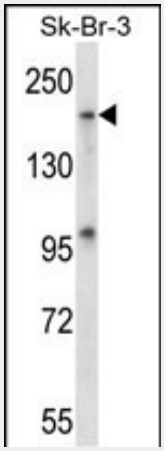
Tissue Location
Appears to be ubiquitous, expressed in all tissue types examined. Highest levels observed in heart and brain

Mouse Map4k4 Antibody (Center) - Protocols

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

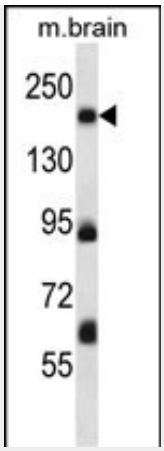
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Mouse Map4k4 Antibody (Center) - Images



Mouse Map4k4 Antibody (Center) (Cat. #AP14459c) western blot analysis in SK-BR-3 cell line lysates (35ug/lane).This demonstrates the Map4k4 antibody detected the Map4k4 protein (arrow).

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Mouse Map4k4 Antibody (Center) (Cat. #AP14459c) western blot analysis in mouse brain tissue lysates (35ug/lane).This demonstrates the Map4k4 antibody detected the Map4k4 protein (arrow).

Mouse Map4k4 Antibody (Center) - 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) - 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)