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Mouse Map2k5 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14154b

Specification

Mouse Map2k5 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9WVS7
Other Accession	Q62862, Q13163, NP_035970.1
Reactivity	**Human, Mouse**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**50105**
Antigen Region	**385-412**

Mouse Map2k5 Antibody (C-term) - Additional Information

Gene ID 23938

Other Names
Dual specificity mitogen-activated protein kinase kinase 5, MAP kinase kinase 5, MAPKK 5, MAPK/ERK kinase 5, MEK 5, Map2k5, Mek5, Mkk5, Prkmk5

Target/Specificity
This Mouse Map2k5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 385-412 amino acids from the C-terminal region of mouse Map2k5.

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 Map2k5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Map2k5 Antibody (C-term) - Protein Information

Name Map2k5

Synonyms Mek5, Mkk5, Prkmk5

Function Acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appears to play a critical role in protecting cells from stress-induced apoptosis, neuronal survival and cardiac development and angiogenesis. As part of the MAPK/ERK signaling pathway, acts as a negative regulator of apoptosis in cardiomyocytes via promotion of STUB1/CHIP-mediated ubiquitination and degradation of ICER-type isoforms of CREM (By similarity).

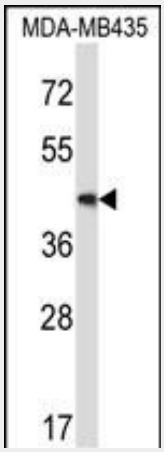
Cellular Location
Cytoplasm.

Mouse Map2k5 Antibody (C-term) - 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 Map2k5 Antibody (C-term) - Images



Mouse Map2k5 Antibody (C-term) (Cat. #AP14154b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the Map2k5 antibody detected the Map2k5 protein (arrow).

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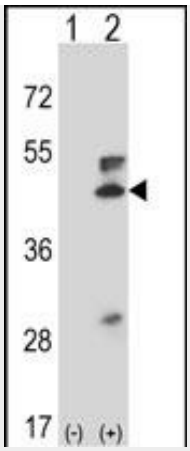
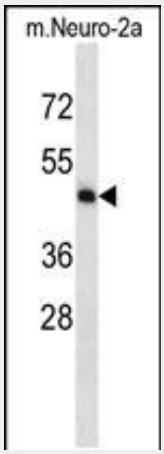


Western blot analysis of Map2k5 (arrow) using rabbit polyclonal Mouse Map2k5 Antibody (C-term) (Cat. #AP14154b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Map2k5 gene.



Mouse Map2k5 Antibody (C-term) (Cat. #AP14154b) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the Map2k5 antibody detected the Map2k5 protein (arrow).

Mouse Map2k5 Antibody (C-term) - Background

Map2k5 acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appear to play a critical role in protecting cells from stress-induced apopotosis, neuronal survival and cardiac development and angiogenesis.

Mouse Map2k5 Antibody (C-term) - References

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