

Rabbit Map2k5 Polyclonal Antibody | anti-Map2k5 antibody

Mouse Map2k5 Antibody (C-term)

CATALOG # AAA283931	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Rat)	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

Map2k5; Polyclonal Antibody; Mouse Map2k5 Antibody (C-term); Dual specificity mitogen-activated protein kinase kinase 5; MAP kinase kinase 5; MAPKK 5; MAPK/ERK kinase 5; MEK 5; Mek5; Mkk5; Prkmk5; anti-Map2k5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	385-412
Sequence Length	448
Applicable Applications for anti-Map2k5 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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



WB (Western Blot)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-Map2k5 antibody	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 apoptosis, neuronal survival and cardiac development and angiogenesis.
Product Categories/Family for anti-Map2k5 antibody	Cancer; Cardiovascular; Signal transduction
References	Spiering, D., et al. J. Biol. Chem. 284(37):24972-24980(2009) Carter, E.J., et al. J. Cell. Sci. 122 (PT 17), 3104-3112 (2009) : Sohn, S.J., et al. EMBO J. 27(13):1896-1906(2008) Shishido, T., et al. Circ. Res. 102(11):1416-1425(2008) Nakamura, K., et al. Mol. Cell. Biol. 27(12):4566-4577(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754624
NCBI GeneID	23938
NCBI Accession #	NP_035970.1
NCBI GenBank Nucleotide #	NM_011840.2
UniProt Accession #	Q9WVS7; Q8CFM3; Q8K360; Q9D222
Molecular Weight	50105
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 5
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 5
NCBI Official Symbol	Map2k5
NCBI Official Synonym Symbols	MEK5; Mapkk5; Prkmk5; AI324775; AI428457
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 5
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 5
UniProt Gene Name	Map2k5
UniProt Synonym Gene Names	Mek5; Mkk5; Prkmk5; MAP kinase kinase 5; MAPKK 5; MEK 5
UniProt Entry Name	MP2K5_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/map2k5-antibody-western-blot-elisa/283931>