

Rabbit Map2k1 Polyclonal Antibody | anti-Map2k1 antibody

Mouse Map2k1 Antibody (C-term)

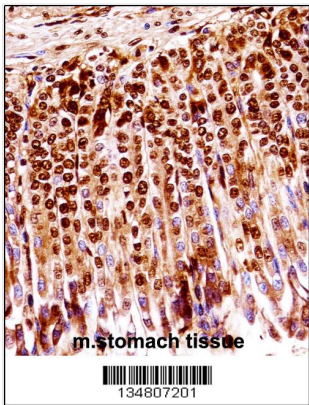
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286470	Rabbit	Human, mouse (Predicted Reactivity: Hamster, Rabbit, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

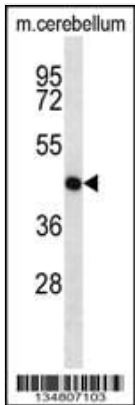
Map2k1; Polyclonal Antibody; Mouse Map2k1 Antibody (C-term); Dual specificity mitogen-activated protein kinase kinase 1; MAP kinase kinase 1; MAPKK 1; ERK activator kinase 1; MAPK/ERK kinase 1; MEK 1; Mek1; Prkmk1; anti-Map2k1 antibody

PRODUCT SPECIFICATIONS

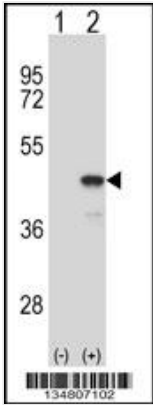
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Hamster, Rabbit, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Map2k1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 269-296 amino acids from the C-terminal region of mouse Map2k1.
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: 0.5 (varies by lot)
Sequence Positions	269-296
Sequence Length	393
Applicable Applications for anti-Map2k1 antibody	IHC (Immunohistochemistry), 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.



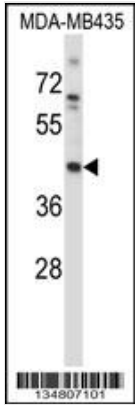
IHC (Immunohistochemistry)
Mouse Map2k1 Antibody (C-term) (AAA286470)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Map2k1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Mouse Map2k1 Antibody (C-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane).This demonstrates the Map2k1 antibody detected the Map2k1 protein (arrow).



WB (Western Blot)
Western blot analysis of Map2k1 (arrow) using rabbit polyclonal Mouse Map2k1 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Map2k1 gene.



WB (Western Blot)
Mouse Map2k1 Antibody (C-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the Map2k1 antibody detected the Map2k1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Map2k1 antibody	Map2k1 catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates ERK1 and ERK2 MAP kinases.
Product Categories/Family for anti-Map2k1 antibody	Developmental Biology; Signal Transduction
References	Chandrakesan, P., et al. J. Biol. Chem. 285(43):33485-33498(2010) Yang, T., et al. J. Clin. Invest. 120(7):2474-2485(2010) Cho, K.W., et al. J. Exp. Zool. B Mol. Dev. Evol. 312(8):901-911(2009) Jo, C., et al. Cell. Signal. 21(12):1910-1917(2009) Mandal, M., et al. Nat. Immunol. 10(10):1110-1117(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678794
NCBI GeneID	26395
NCBI Accession #	NP_032953.1
NCBI GenBank Nucleotide #	NM_008927.3

UniProt Accession #	P31938
Molecular Weight	43474
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 1
NCBI Official Symbol	Map2k1
NCBI Official Synonym Symbols	Mek1; MEKK1; MAPKK1; Prkmk1
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 1
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 1
UniProt Gene Name	Map2k1
UniProt Synonym Gene Names	Mek1; Prkmk1; MAP kinase kinase 1; MAPKK 1; MEK 1
UniProt Entry Name	MP2K1_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://www.aaabiotech.com/polyclonal/map2k1-antibody-immunohistochemistry-western-blot-elisa/286470>