

Rabbit Map2k4 Polyclonal Antibody | anti-Map2k4 antibody

Mouse Map2k4 Antibody (C-term)

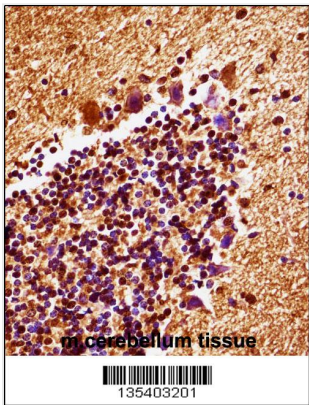
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286238	Rabbit	Human, Mouse, Zebrafish (Predicted Reactivity: Xenopus)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

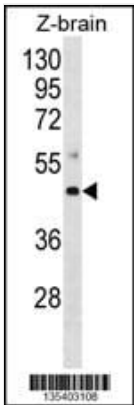
Map2k4; Polyclonal Antibody; Mouse Map2k4 Antibody (C-term); Dual specificity mitogen-activated protein kinase kinase 4; MAP kinase kinase 4; MAPKK 4; C-JUN N-terminal kinase kinase 1; JNK kinase 1; JNKK 1; JNK-activating kinase 1; MAPK/ERK kinase 4; MEK 4; SAPK/ERK kinase 1; SEK1; Jnk1; Mek4; Mkk4; Prkmk4; Sek1; Serk1; Skk1; anti-Map2k4 antibody

PRODUCT SPECIFICATIONS

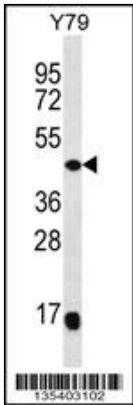
Host	Rabbit
Reactivity	Human, Mouse, Zebrafish (Predicted Reactivity: Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Map2k4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 259-287 amino acids from the C-terminal region of mouse Map2k4.
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: 0.48 (varies by lot)
Sequence Positions	259-287
Sequence Length	397
Applicable Applications for anti-Map2k4 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.



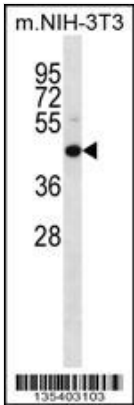
IHC (Immunohistochemistry)
Mouse Map2k4 Antibody (C-term) (AAA286238) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Map2k4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Mouse Map2k4 Antibody (C-term) western blot analysis in zebra fish brain tissue lysates (35ug/lane). This demonstrates the Mouse Map2k4 antibody detected the Mouse Map2k4 protein (arrow).



WB (Western Blot)
Mouse Map2k4 Antibody (C-term) western blot analysis in Y79 cell line lysates (35ug/lane). This demonstrates the Map2k4 antibody detected the Map2k4 protein (arrow).



WB (Western Blot)
Mouse Map2k4 Antibody (C-term) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the Map2k4 antibody detected the Map2k4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Map2k4 antibody	Dual specificity kinase that activates the JUN kinases MAPK8 (JNK1) and MAPK9 (JNK2) as well as MAPK14 (p38) but not MAPK1 (ERK2) or MAPK3 (ERK1).
Product Categories/Family for anti-Map2k4 antibody	Signal Transduction
References	Finegan, K.G., et al. Cancer Res. 70(14):5797-5806(2010) Ahn, Y.H., et al. J. Biol. Chem. 284(43):29399-29404(2009) Bogani, D., et al. PLoS Biol. 7 (9), E1000196 (2009) : Liu, W., et al. Circ. Res. 104(7):905-914(2009) Bulat, N., et al. J. Lipid Res. 50(1):81-89(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	22095023
NCBI GeneID	26398
NCBI Accession #	NP_033183.1
NCBI GenBank Nucleotide #	NM_009157.4
UniProt Accession #	P47809

Molecular Weight	44114
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 4
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 4
NCBI Official Symbol	Map2k4
NCBI Official Synonym Symbols	MEK4; MKK4; Sek1; JNKK1; Serk1; PRKMK4
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 4
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 4
UniProt Gene Name	Map2k4
UniProt Synonym Gene Names	Jnkk1; Mek4; Mkk4; Prkmk4; Sek1; Serk1; Skk1; MAP kinase kinase 4; MAPKK 4; JNK kinase 1; JNKK 1; MEK 4; SEK1
UniProt Entry Name	MP2K4_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/map2k4-antibody-immunohistochemistry-western-blot-elisa/286238>