

Rabbit Map3k7 Polyclonal Antibody | anti-Map3k7 antibody

Mouse Map3k7 Antibody (N-term)

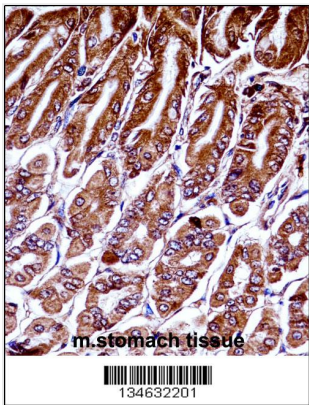
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285187	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

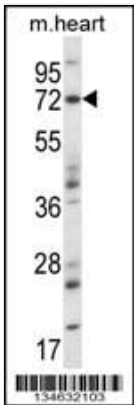
Map3k7; Polyclonal Antibody; Mouse Map3k7 Antibody (N-term); Mitogen-activated protein kinase kinase kinase 7; Transforming growth factor-beta-activated kinase 1; TGF-beta-activated kinase 1; Tak1; anti-Map3k7 antibody

PRODUCT SPECIFICATIONS

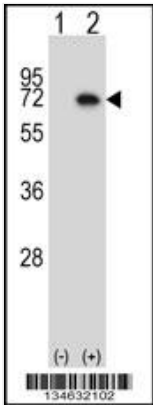
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Map3k7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 131-160 amino acids from the N-terminal region of mouse Map3k7.
Purity/Purification	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	131-160
Sequence Length	579
Applicable Applications for anti-Map3k7 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.



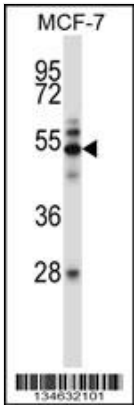
IHC (Immunohistochemistry)
Mouse Map3k7 Antibody (N-term) (AAA285187)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Map3k7 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Mouse Map3k7 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the Map3k7 antibody detected the Map3k7 protein (arrow).



WB (Western Blot)
Western blot analysis of Map3k7 (arrow) using rabbit polyclonal Mouse Map3k7 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Map3k7 gene.



WB (Western Blot)
Mouse Map3k7 Antibody (N-term) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the Map3k7 antibody detected the Map3k7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Map3k7 antibody	Component of a protein kinase signal transduction cascade. Mediator of TRAF6 and TGF-beta signal transduction. Activates IKKB and MAPK8 in response to TRAF6 signaling. Stimulates NF-kappa-B activation and the p38 MAPK pathway. In osmotic stress signaling, plays a major role in the activation of MAPK8/JNK, but not that of NF-kappa-B.
Product Categories/Family for anti-Map3k7 antibody	Cancer; Cardiovascular; Immunology; Signal transduction
References	Kajino-Sakamoto, R., et al. J. Immunol. 185(8):4729-4737(2010) Wu, Z.H., et al. Mol. Cell 40(1):75-86(2010) Scholz, R., et al. J. Biol. Chem. 285(33):25753-25766(2010) Greenblatt, M.B., et al. J. Clin. Invest. 120(7):2457-2473(2010) Bettermann, K., et al. Cancer Cell 17(5):481-496(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	27881429
NCBI GeneID	26409
NCBI Accession #	NP_766276.1
NCBI GenBank Nucleotide #	NM_172688.3

UniProt Accession #	Q62073
Molecular Weight	64228
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 7 isoform A
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 7
NCBI Official Symbol	Map3k7
NCBI Official Synonym Symbols	Tak1; C87327; B430101B05
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 7
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 7
UniProt Gene Name	Map3k7
UniProt Synonym Gene Names	Tak1; TGF-beta-activated kinase 1
UniProt Entry Name	M3K7_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/map3k7-antibody-immunohistochemistry-western-blot-elisa/285187>