

Rabbit MAP4K4 Polyclonal Antibody | anti-MAP4K4 antibody

MAP4K4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199970	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

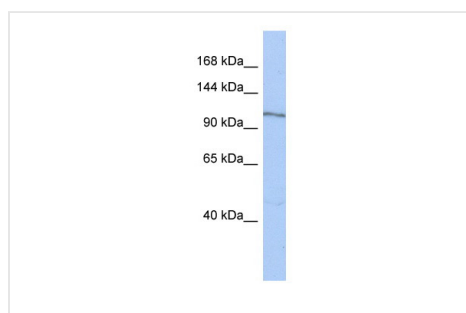
PRODUCT SYNONYMS

MAP4K4; Polyclonal Antibody; MAP4K4 antibody - N-terminal region; anti-MAP4K4 antibody

PRODUCT SPECIFICATIONS

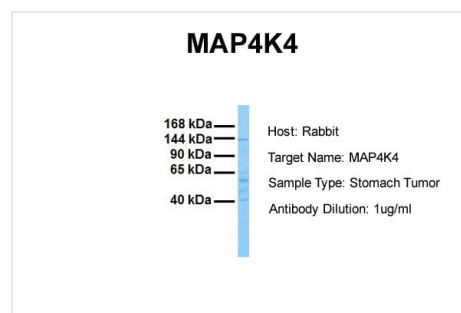
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PF IRDQPNERQV RIQLKDHIR TRKKRGEKDE TEYEYSGSEE EEEEEVPEQ
Sequence Length	1239
Applicable Applications for anti-MAP4K4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MAP4K4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



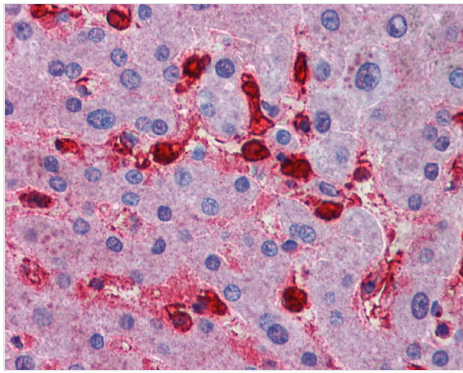
WB (Western Blot)

WB Suggested Anti-MAP4K4 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human Small Intestine



WB (Western Blot)

Host: Rabbit
Target Name: MAP4K4
Sample Tissue: Human Stomach Tumor
Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Liver

ADDITIONAL INFORMATION

Related Product Information for anti-MAP4K4 antibody	This is a rabbit polyclonal antibody against MAP4K4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MAP4K4 is the serine/threonine kinase that may play a role in the response to environmental stress and cytokines such as TNF-alpha. MAP4K4 appears to act upstream of the JUN N-terminal pathway. The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase has been shown to specifically activate MAPK8/JNK. The activation of MAPK8 by this kinase is found to be inhibited by the dominant-negative mutants of MAP3K7/TAK1, MAP2K4/MKK4, and MAP2K7/MKK7, which suggests that this kinase may function through the MAP3K7-MAP2K4-MAP2K7 kinase cascade, and mediate the TNF-alpha signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-MAP4K4 antibody	Polyclonal; Transcription Factor; Signal Proteins; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	336020353
NCBI GeneID	9448
NCBI Accession #	NP_004825
NCBI GenBank Nucleotide #	NM_004834
UniProt Accession #	O95819
Molecular Weight	142kDa
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase kinase 4 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase kinase 4
NCBI Official Symbol	MAP4K4
NCBI Official Synonym Symbols	HGK; NIK; MEKKK4; FLH21957; HEL-S-31
NCBI Protein Information	mitogen-activated protein kinase kinase kinase kinase 4
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase kinase 4
UniProt Gene Name	MAP4K4
UniProt Synonym Gene Names	HGK; KIAA0687; NIK; MEK kinase kinase 4; MEKKK 4
UniProt Entry Name	M4K4_HUMAN

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/map4k4-antibody-western-blot-immunohistochemistry-elisa/199970>