

Rabbit anti-Human MAP4K1 Polyclonal Antibody | anti-MAP4K1 antibody

MAP4K1 (Y381) Antibody

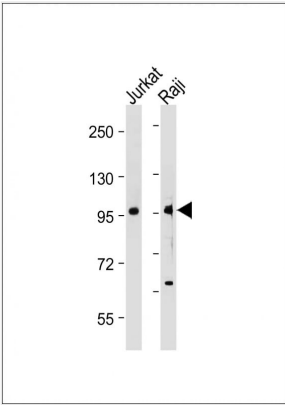
CATALOG # AAA290929	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

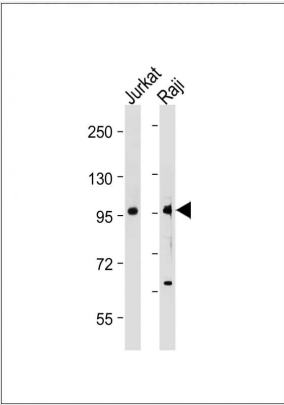
MAP4K1; Polyclonal Antibody; MAP4K1 (Y381) Antibody; Mitogen-activated protein kinase kinase kinase 1; 2.7.11.1; Hematopoietic progenitor kinase; MAPK/ERK kinase kinase kinase 1; MEK kinase kinase 1; MEKKK 1; HPK1; anti-MAP4K1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This MAP4K1(Y381) antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from the human region of human MAP4K1(Y381).
Purity/Purification	Purified through a protein A column, followed by peptide affinity purification.
Form/Format	Supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	821
Applicable Applications for anti-MAP4K1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthesized Peptide
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Dilution: WB - 1:2000All lanes: Anti-MAP4K1(Y381) Antibody at 1:2000 dilution Lane 1: Jurkat whole cell lysate Lane 2: Raji whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 91 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Dilution: WB - 1:2000Anti-MAP4K1(Y381) Antibody at 1:2000 dilution + Raji whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 91 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP4K1 antibody	Serine/threonine-protein kinase, which may play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway. May play a role in hematopoietic lineage decisions and growth regulation. Able to autophosphorylate.
Product Categories/Family for anti-MAP4K1 antibody	Signal Transduction
References	Hu M.C.-T.,et al.Genes Dev. 10:2251-2264(1996). Grimwood J.,et al.Nature 428:529-535(2004). Oppermann F.S.,et al.Mol. Cell. Proteomics 8:1751-1764(2009). Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009). Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611908
NCBI GeneID	11184
NCBI Accession #	NP_001036065.1
NCBI GenBank Nucleotide #	NM_001042600.3
UniProt Accession #	Q92918
Molecular Weight	91296 Da
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase kinase 1 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase kinase 1
NCBI Official Symbol	MAP4K1
NCBI Official Synonym Symbols	HPK1
NCBI Protein Information	mitogen-activated protein kinase kinase kinase kinase 1
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase kinase 1
UniProt Gene Name	MAP4K1
UniProt Synonym Gene Names	HPK1; MEK kinase kinase 1; MEKKK 1
UniProt Entry Name	M4K1_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/map4k1-antibody-western-blot-elisa/290929>