

Rabbit MLK1 Polyclonal Antibody | anti-MAP3K9 antibody

MLK1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289826	Rabbit	Human, mouse, rat	Immunohistochemistry, ELISA, Western Blot

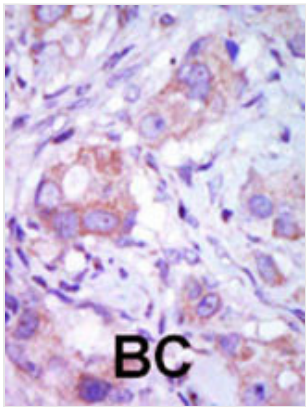
PRODUCT SYNONYMS

MLK1; Polyclonal Antibody; MLK1 Antibody (C-term); Mitogen-activated protein kinase kinase kinase 9; Mixed lineage kinase 1; MAP3K9; PRKE1; anti-MAP3K9 antibody

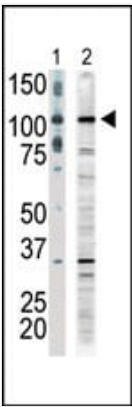
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MLK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1070-1104 amino acids from the C-terminal region of human MLK1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1070-1104
Sequence Length	1,118
Applicable Applications for anti-MAP3K9 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-MLK1 Pab is used in Western blot to detect MLK1 in A375 cell lysate (lane 1) and rat testis tissue lysate (lane 2).

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K9 antibody	MLK1 is a MLK(MAP3K) type protein kinase. The catalytic domain of mixed-lineage kinases (MLKs) kinases have amino acid sequence similarity to both the tyr-specific and the ser/thr-specific kinase classes. In addition to three unusual nature of the kinase catalytic domains, MLK1 and MLK2 contain 2 leu/ile-zipper motifs and a basic sequence near their C-termini. MLK1 is a member of the neuronal apoptotic JNK/c-Jun pathway acting between Rac1/Cdc42 and MKK4 and -7 in death signaling. MLK1 expression has been documented in human epithelial tumor cell lines of colonic, breast and esophageal origin.
Product Categories/Family for anti-MAP3K9 antibody	Cell Biology; Signal transduction
References	Durkin, J.T., et al., Biochemistry 43(51):16348-16355 (2004). Gallo, K.A., et al., J. Biol. Chem. 269(21):15092-15100 (1994). Dorow, D.S., et al., Eur. J. Biochem. 213(2):701-710 (1993).

NCBI AND UNIPROT INFORMATION

NCBI GI #	52421790
NCBI GeneID	4293
NCBI Accession #	NP_149132.2
NCBI GenBank Nucleotide #	NM_033141.3
UniProt Accession #	P80192; Q0D2G7; Q6EH31; Q9H2N5; A3KN85
Molecular Weight	121895
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 9 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 9
NCBI Official Symbol	MAP3K9
NCBI Official Synonym Symbols	MLK1; MEKK9; PRKE1
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 9
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 9
UniProt Gene Name	MAP3K9

UniProt Synonym Gene Names	MLK1; PRKE1
UniProt Entry Name	M3K9_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/mlk1-antibody-immunohistochemistry-western-blot-elisa/289826>