

Rabbit anti-Human, Mouse MAP3K9 Polyclonal Antibody | anti-MAP3K9 antibody

MAP3K9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327685	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

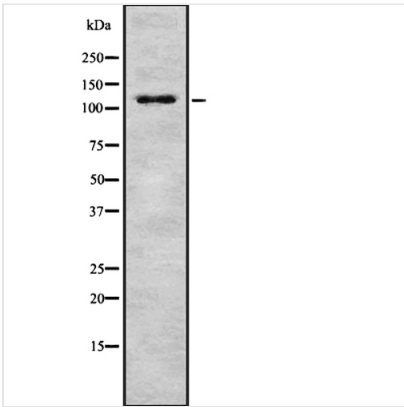
PRODUCT SYNONYMS

MAP3K9; Polyclonal Antibody; MAP3K9 Antibody; MEKK10; MEKK9; Mitogen activated protein kinase kinase kinase 10; Mitogen activated protein kinase kinase 9; Mixed lineage kinase 1 (tyr and ser/thr specificity); Mixed lineage kinase 2; MKN28 derived nonreceptor_type serine/threonine kinase; MKN28 kinase; MLK1; MLK2; MST; PRKE1; Protein kinase MST; anti-MAP3K9 antibody

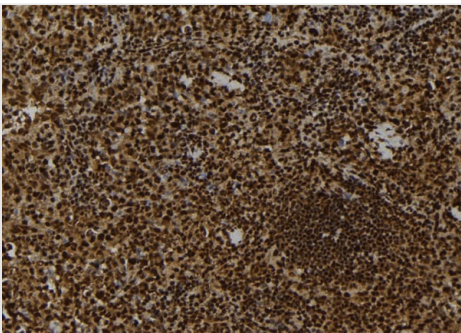
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MAP3K9 antibody detects endogenous levels of total MAP3K9
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1104
Applicable Applications for anti-MAP3K9 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MAP3K9
Tissue Specificity	Expressed in epithelial tumor cell lines of colonic, breast and esophageal origin.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (88%), Xenopus (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of MAP3K9 using HT29 whole cell lysates



IHC (Immunohistochemistry)
AAA327685 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K9 antibody	Function: Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. Plays an important role in the cascades of cellular responses evoked by changes in the environment. Once activated, acts as an upstream activator of the MKK/JNK signal transduction cascade through the phosphorylation of MAP2K4/MKK4 and MAP2K7/MKK7 which in turn activate the JNKs. The MKK/JNK signaling pathway regulates stress response via activator protein-1 (JUN) and GATA4 transcription factors. Plays also a role in mitochondrial death signaling pathway, including the release cytochrome c, leading to apoptosis. Subunit Structure: Homodimer. Post-translational Modifications: Autophosphorylation on serine and threonine residues within the activation loop plays a role in enzyme activation. Thr-312 is likely to be the main autophosphorylation site. Autophosphorylation also occurs on Thr-304 and Ser-308. Similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	545746337
NCBI GeneID	4293
NCBI Accession #	NP_001271159.1
NCBI GenBank Nucleotide #	NM_001284230.1
UniProt Accession #	P80192; Q0D2G7; Q6EH31; Q9H2N5; A3KN85
Molecular Weight	Observed: 121 kDa Predicted: 122 kDa
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 9 isoform 2
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

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/map3k9-antibody-immunohistochemistry-western-blot-elisa/327685>