

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

MAP3K9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233872	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

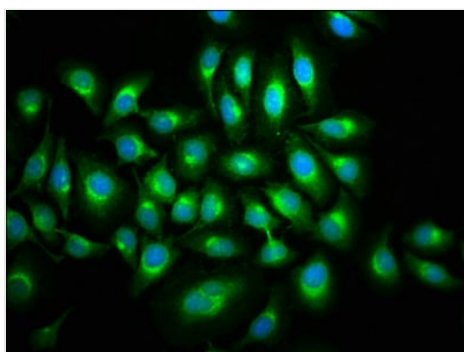
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

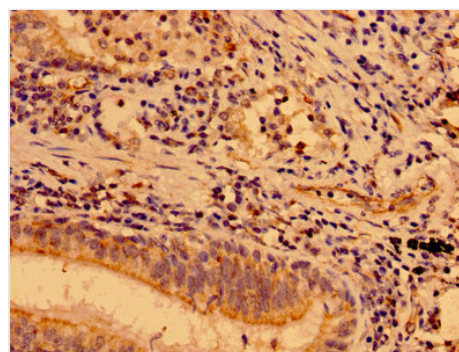
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1104
Applicable Applications for anti-MAP3K9 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Mitogen-activated protein kinase kinase kinase 9 protein (864-1098AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



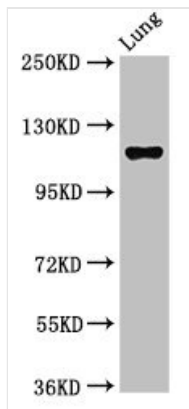
IHC (Immunohistochemistry)

Immunofluorescence staining of A549 cells with AAA233872 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA233872 diluted at 1:400 and staining in paraffin-embedded human lung cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: Rat lung tissue All lanes: MAP3K9 antibody at 2.7ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 122, 124 KDa Observed band size: 122 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K9 antibody	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.
Product Categories/Family for anti-MAP3K9 antibody	Cell Biology; Signal transduction

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	123,373 Da
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.