

Rabbit anti-Human MLK4 Polyclonal Antibody | anti-MLK4 antibody

MLK4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321129	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

MLK4; Polyclonal Antibody; MLK4 Antibody; dJ862P8.3; KIAA1804; M3KL4_HUMAN; Mitogen activated protein kinase kinase kinase; Mitogen-activated protein kinase kinase kinase MLK4; Mixed lineage kinase 4; MLK 4; Mlk4; RP5 862P8.2; anti-MLK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	MAP3KL4 antibody detects endogenous levels of MAP3KL4
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	1036
Applicable Applications for anti-MLK4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MAP3KL4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA321129 staining HT29 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis on HT29 cell lysate using MLK4 Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MLK4 antibody	Description: MLK4 Activates the JUN N-terminal pathway. Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily. Homodimer. 3 isoforms of the human protein are produced by alternative splicing. Note: This description may include information from UniProtKB. Function: Negative regulator of TLR4 signaling. Does not activate JNK1/MAPK8 pathway, p38/MAPK14, nor ERK2/MAPK1 pathways. Subunit Structure: Homodimer (By similarity). Interacts with TLR4. Post-translational Modifications: Autophosphorylation on serine and threonine residues within the activation loop plays a role in enzyme activation. Similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	155723000
NCBI GeneID	84451
NCBI Accession #	NP_115811.2
NCBI GenBank Nucleotide #	NM_032435.2
UniProt Accession #	Q5TCX8; Q5TCX7; Q5TCX9; Q8WWN1; Q8WWN2; Q96JM1; A0A1W2PKR9; B2RN34; X6R610
Molecular Weight	Observed: 110 kDa Predicted: 114 kDa
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 21
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 21
NCBI Official Symbol	MAP3K21
NCBI Official Synonym Symbols	MLK4; dJ862P8.3
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 21
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 21
UniProt Gene Name	MAP3K21

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mlk4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321129>