

Rabbit MLK4 Polyclonal Antibody | anti-MLK4 antibody

MLK4 Antibody (N-term)

CATALOG # AAA286875	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

MLK4; Polyclonal Antibody; MLK4 Antibody (N-term); Mitogen-activated protein kinase kinase kinase MLK4; Mixed lineage kinase 4; MLK4 {ECO:0000303|Ref1}; anti-MLK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MLK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 33-62 amino acids from the N-terminal region of human MLK4.
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	33-62
Sequence Length	1036
Applicable Applications for anti-MLK4 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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 colon carcinoma tissue reacted with MLK4 antibody (N-term) , 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.



WB (Western Blot)

Western blot analysis of lysates from K562, Ramos cell line (from left to right), using MLK4 Antibody (N-term). AAA286875 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-MLK4 antibody	Mixed-lineage kinases (MLKs) function as mitogen-activated protein kinase kinase kinases (MAP3Ks), activating the p38 and JNK signaling cascades. Systematic mutational analyses of tyrosine kinases reveal that a minimum of 30% of colorectal cancer contain at least one mutation in the tyrosine kinases; sampling of colorectal cancer cells suggest an important role of MLK4 in this process.
Product Categories/Family for anti-MLK4 antibody	Signal Transduction
References	Gregory,S.G., Nature 441 (7091), 315-321 (2006)

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; B2RN34
Molecular Weight	113957
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase MLK4
NCBI Official Symbol	KIAA1804
NCBI Official Synonym Symbols	MLK4; dJ862P8.3
NCBI Protein Information	mitogen-activated protein kinase kinase kinase MLK4
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase MLK4
UniProt Gene Name	MLK4
UniProt Entry Name	M3KL4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mlk4-antibody-western-blot-immunohistochemistry-elisa/286875>