

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

MLTK Antibody

CATALOG # AAA302997	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

MLTK; Polyclonal Antibody; MLTK Antibody; AZK; EC 2.7.11.25; MRK-beta; mixed lineage kinase-related kinase; anti-MLTK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MLTK protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	800
Applicable Applications for anti-MLTK antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human MLTK.
Target Name	MLTK
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using MLTK antibody.


WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using MLTK antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MLTK antibody	Stress-activated component of a protein kinase signal transduction cascade. Regulates the JNK and p38 pathways. Pro-apoptotic. Role in regulation of S and G2 cell cycle checkpoint by direct phosphorylation of CHEK2. Isoform 1, but not isoform 2, causes cell shrinkage and disruption of actin stress fibers. Isoform 1 may have role in neoplastic cell transformation and cancer development. Isoform 1, but not isoform 2, phosphorylates histone H3 at 'Ser-28'. Gotoh I., J. Biol. Chem. 276:4276-4286(2001). Bloem L.J., J. Mol. Cell. Cardiol. 33:1739-1750(2001). Gross E.A., J. Biol. Chem. 277:13873-13882(2002).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	82880648
NCBI GeneID	51776
NCBI Accession #	NP_057737.2
NCBI GenBank Nucleotide #	NM_016653.2
UniProt Accession #	Q9NYL2; Q53SX1; Q580W8; Q59GY5; Q86YW8; Q9HCC4; Q9HCC5; Q9HDD2; Q9NYE9; B3KPG2
Molecular Weight	35,468 Da
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase MLT isoform 1
NCBI Official Symbol	ZAK
NCBI Official Synonym Symbols	pk; AZK; MLT; MRK; MLK7; MLTK; mlklak
NCBI Protein Information	mitogen-activated protein kinase kinase kinase MLT
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase MLT
UniProt Gene Name	ZAK
UniProt Synonym Gene Names	MLTK; HCCS-4; MLK-related kinase; MRK
UniProt Entry Name	MLTK_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/mltk-antibody-immunofluorescence-western-blot-elisa/302997>