

Rabbit anti-Human MYLK2 Polyclonal Antibody | anti-MYLK2 antibody

MYLK2 Antibody

CATALOG # AAA226369	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunoprecipitation, ELISA
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PRODUCT SYNONYMS

MYLK2; Polyclonal Antibody; MYLK2 Antibody; Affinity Purified Myosin light chain kinase 2 Antibody; KMLC antibody; MLCK antibody; MLCK2 antibody; MYLK 2 antibody; Myosin light chain kinase 2 antibody; MYOSIN LIGHT POLYPEPTIDE KINASE antibody; Myosin light polypeptide kinase; skeletal/cardiac antibody; skeletal/cardiac muscle antibody; skMLCK antibody; anti-MYLK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immobilized antigen affinity chromatography
Concentration	0.5-1.5 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	596
Applicable Applications for anti-MYLK2 antibody	WB (Western Blot), IP (Immunoprecipitation), ELISA
Immunogen	Synthetic peptide taken within amino acid region 200-250 on human Myosin light chain kinase 2 protein.
Conjugation	Unconjugated
Molecular Function	ATP binding; calmodulin binding; calmodulin-dependent protein kinase activity; myosin light chain kinase activity
Subcellular Location	Cytoplasm
Preparation and Storage	Store at -20°C for long term storage.

ADDITIONAL INFORMATION

Related Product Information for anti-MYLK2 antibody	Overview: Implicated in the level of global muscle contraction and cardiac function. Phosphorylates a specific serine in the N-terminus of a myosin light chain. Structure: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Expression: Heart and skeletal muscles. Increased expression in the apical tissue compared to the interventricular septal tissue.
Product Categories/Family for anti-MYLK2 antibody	Primary Antibodies; Signal Transduction; Cytoskeleton/ECM; Motor Proteins; Myosin; MYLK2 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	14993776
NCBI GeneID	85366

NCBI Accession #	NP_149109.1
NCBI GenBank Nucleotide #	NM_033118.3
UniProt Accession #	Q9H1R3 ; Q569L1 ; Q96I84
NCBI Official Full Name	myosin light chain kinase 2, skeletal/cardiac muscle
NCBI Official Synonym Full Names	myosin light chain kinase 2
NCBI Official Symbol	MYLK2
NCBI Official Synonym Symbols	KMLC; MLCK; MLCK2; skMLCK
NCBI Protein Information	myosin light chain kinase 2, skeletal/cardiac muscle
UniProt Protein Name	Myosin light chain kinase 2, skeletal/cardiac muscle
UniProt Gene Name	MYLK2
UniProt Synonym Gene Names	MLCK2

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/mylk2-antibody-western-blot-immunoprecipitation-elisa/226369>