

Rabbit MYLK3 Polyclonal Antibody | anti-MYLK3 antibody

MYLK3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA226370	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, ELISA

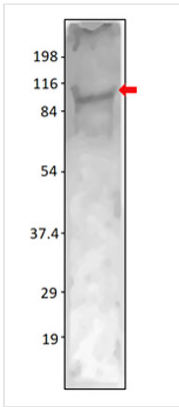
PRODUCT SYNONYMS

MYLK3; Polyclonal Antibody; MYLK3 Antibody; Affinity Purified Myosin light chain kinase 3 Antibody; caMLCK antibody; cardiac MLCK antibody; Cardiac MyBP C associated Ca/CaM kinase antibody; MLC kinase antibody; MLCK antibody; MLCK2 antibody; Mylk3 antibody; Myosin light chain kinase 3 antibody; Putative myosin light chain kinase 3 antibody; anti-MYLK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immobilized antigen affinity chromatography
Form/Format	Affinity Purified Immunoglobulins
Concentration	100ug of antibody in 180-200ul of antibody stabilization buffer. (varies by lot)
Sequence Length	478
Applicable Applications for anti-MYLK3 antibody	WB (Western Blot), IP (Immunoprecipitation), ELISA
Immunogen	Synthetic peptide taken within amino acid region 10-60 on human Myosin light chain kinase 3 protein.
Conjugation	Unconjugated
Molecular Function	Kinase that phosphorylates MYL2 in vitro. Promotes sarcomere formation in cardiomyocytes and increases cardiomyocyte contractility.
Subcellular Location	Cytoplasm
Preparation and Storage	Store at -20 degree C for long term storage.

IMAGES



WB (Western Blot)
Western Blot of AAA226370 antibody (MYLK-301AP) with mouse heart. 1:500 antibody dilution in Dilobuffer™ (FGI-1963). Apparent MW of MYLK is 90 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MYLK3 antibody	Description: Affinity Purified Myosin light chain kinase 3 Antibody
	Overview: Kinase that phosphorylates MYL2 in vitro. Promotes sarcomere formation in cardiomyocytes and increases cardiomyocyte contractility.
	Structure: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.
Product Categories/Family for anti-MYLK3 antibody	Expression: Restricted to heart
	Primary Antibodies; Signal Transduction; Cytoskeleton/ECM; Motor Proteins; Myosin; MYLK3 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	815930021
NCBI GeneID	91807
NCBI Accession #	NP_001295230.1
NCBI GenBank Nucleotide #	NM_001308301.1
UniProt Accession #	Q32MK0; Q32MK1; Q96DV1; B5BUL9; B7Z5U8
NCBI Official Full Name	myosin light chain kinase 3 isoform 2
NCBI Official Synonym Full Names	myosin light chain kinase 3
NCBI Official Symbol	MYLK3
NCBI Official Synonym Symbols	MLCK; MLCK2; caMLCK
NCBI Protein Information	myosin light chain kinase 3
UniProt Protein Name	Myosin light chain kinase 3
UniProt Gene Name	MYLK3
UniProt Synonym Gene Names	MLCK; Cardiac-MLCK

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.