

Anti-MYLK2 antibody



Description	Unconjugated Rabbit polyclonal to MYLK2
Model	STJ190371
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human MYLK2 protein.
Immunogen Region	370-450aa
Gene ID	85366
Gene Symbol	MYLK2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	MYLK2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Heart and skeletal muscles. Increased expression in the apical tissue compared to the interventricular septal tissue.
Purification	MYLK2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Myosin light chain kinase 2, skeletal/cardiac muscle MLCK2
Molecular Weight	65 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16243OMIM:192600
Alternative Names	Myosin light chain kinase 2, skeletal/cardiac muscle MLCK2
Function	Implicated in the level of global muscle contraction and cardiac function. Phosphorylates a specific serine in the N-terminus of a myosin light chain.
Cellular Localization	Cytoplasm. Colocalizes with phosphorylated myosin light chain (RLCP) at filaments of the myofibrils.

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