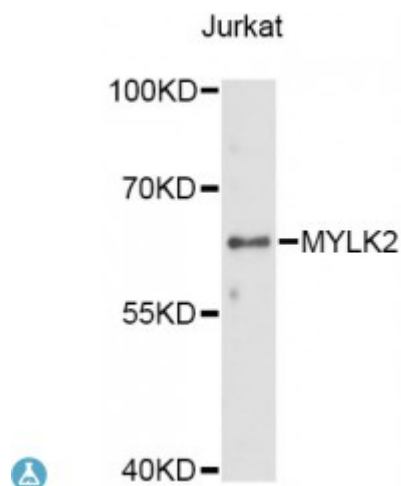


Anti-MYLK2 Antibody



Description	This gene encodes a myosin light chain kinase, a calcium/calmodulin dependent enzyme, that is exclusively expressed in adult skeletal muscle.
Model	STJ116507
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-90 of human MYLK2 (NP_149109.1).
Gene ID	85366
Gene Symbol	MYLK2
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Heart and skeletal muscles, Increased expression in the apical tissue compared to the interventricular septal tissue
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Myosin light chain kinase 2 skeletal/cardiac muscle MLCK2
Molecular Weight	64.685 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid 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,

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