

For Research Use Only

MYLK2 Polyclonal antibody

Catalog Number: 19516-1-AP



Basic Information

Catalog Number: 19516-1-AP	GenBank Accession Number: NM_033118	Purification Method: Antigen affinity purification
Size: 150ul	GeneID (NCBI): 85366	
Source: Rabbit	Full Name: myosin light chain kinase 2	
Isotype: IgG	Calculated MW: 65 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse, rat

Background Information

MYLK2, also named as MLCK2, belongs to the protein kinase superfamily and CAMK Ser/Thr protein kinase family. MYLK2 catalyze the reaction: ATP + [myosin light-chain] = ADP + [myosin light-chain] phosphate. MYLK2 is implicated in the level of global muscle contraction and cardiac function. MYLK2 phosphorylates a specific serine in the N-terminus of a myosin light chain. Mutation of MYLK2 will cause the cardiomyopathy familial hypertrophic (CMH).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data