

For Research Use Only

MYLK2 Polyclonal antibody

Catalog Number: 19516-1-AP



Basic Information

Catalog Number:

19516-1-AP

Size:

150ul

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_033118

GeneID (NCBI):

85366

UNIPROT ID:

Q9H1R3

Full Name:

myosin light chain kinase 2

Calculated MW:

65 kDa

Purification Method:

Antigen affinity purification

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: $ATP + [\text{myosin light-chain}] = ADP + [\text{myosin light-chain}] \text{ phosphate}$. 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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