

For Research Use Only

MYL4 Polyclonal antibody

Catalog Number: 13229-1-AP



Basic Information

Catalog Number:

13229-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4031

GenBank Accession Number:

BC030228

GeneID (NCBI):

4635

UNIPROT ID:

P12829

Full Name:

myosin, light chain 4, alkali; atrial, embryonic

Calculated MW:

197 aa, 22 kDa

Observed MW:

22-30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: human liver tissue,

Background Information

Myosin light - chain 4 (MYL4) encodes an essential myosin light chain that is expressed in embryonic whole heart and skeletal muscle. It is specifically expressed in human atria after birth. MYL4 is essential for atrial electrical, functional, and structural integrity, and MYL4 dysfunction can produce severe inherited atrial cardiomyopathy.

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

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

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human liver tissue were subjected to SDS PAGE followed by western blot with 13229-1-AP (MYL4 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.