

For Research Use Only

MYOM1 Polyclonal antibody

Catalog Number: 22084-1-AP



Basic Information

Catalog Number:

22084-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 447 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17263

GenBank Accession Number:

BC116183

GeneID (NCBI):

8736

UNIPROT ID:

P52179

Full Name:

myomesin 1, 185kDa

Calculated MW:

1685 aa, 188 kDa

Observed MW:

170-180 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:20000-1:100000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse heart tissue, rat heart tissue

IHC : mouse heart tissue, mouse skeletal muscle tissue

Background Information

MYOM1 is a major component of the vertebrate myofibrillar M band. MYOM1 binds myosin, titin, and light meromyosin. This binding is dose-dependent.

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

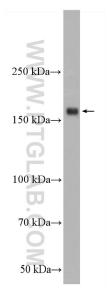
For technical support and original validation data for this product please contact:

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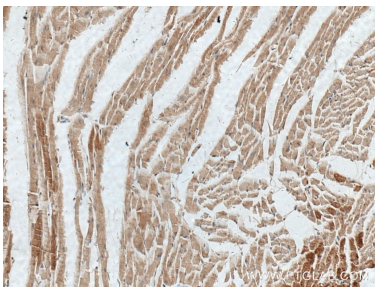
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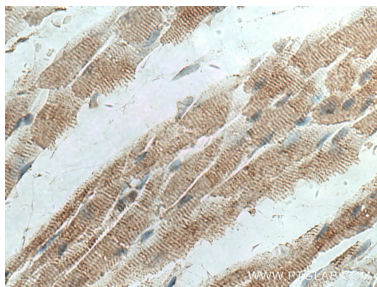
Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 22084-1-AP (MYOM1 antibody) at dilution of 1:100000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 22084-1-AP (MYOM1 antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 22084-1-AP (MYOM1 antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).