

For Research Use Only

# MYLPF Polyclonal antibody

Catalog Number: 16052-1-AP

2 Publications



## Basic Information

### Catalog Number:

16052-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG9013

### GenBank Accession Number:

BC012571

### GeneID (NCBI):

29895

### UNIPROT ID:

Q96A32

### Full Name:

myosin light chain, phosphorylatable, fast skeletal muscle

### Calculated MW:

169 aa, 19 kDa

### Observed MW:

19 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

mouse

### Positive Controls:

WB : mouse skeletal muscle tissue,

IHC : human skeletal muscle tissue,

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

## Notable Publications

Author	Pubmed ID	Journal	Application
Magdalena A Cichewicz	30037979	Mol Cell Biol	WB
Ryohei Oya	35163674	Int J Mol Sci	WB

## 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

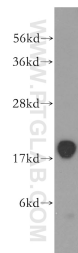
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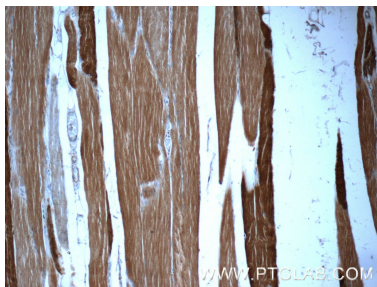
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## Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 16052-1-AP (MYLPF antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 16052-1-AP (MYLPF Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 16052-1-AP (MYLPF Antibody) at dilution of 1:50 (under 40x lens).