

For Research Use Only

MYL1 Polyclonal antibody

Catalog Number: 15814-1-AP

2 Publications



Basic Information

Catalog Number:

15814-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8594

GenBank Accession Number:

BC005318

GeneID (NCBI):

4632

UNIPROT ID:

P05976

Full Name:

myosin, light chain 1, alkali; skeletal, fast

Calculated MW:

150aa, 17 kDa; 194aa, 22 kDa

Observed MW:

14-17 kDa, 22-25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse

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: human skeletal muscle tissue, human heart tissue, mouse heart tissue, mouse skeletal muscle tissue, mouse skin tissue

IHC: rat skeletal muscle tissue, mouse skeletal muscle tissue

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Jing Hao	32990380	Cell Prolif	WB
Jie Chen	34290409	Nature	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

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

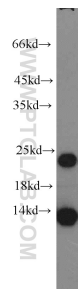
T: 4006900926

E: Proteintech-CN@ptglab.com

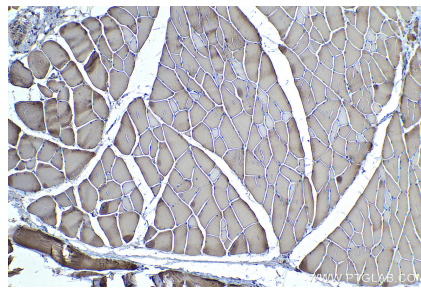
W: ptgcn.com

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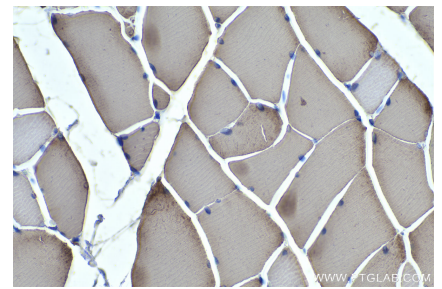
Selected Validation Data



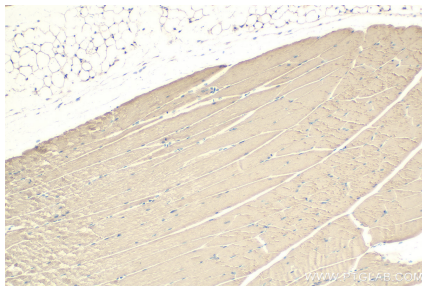
human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 15814-1-AP (MYL1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



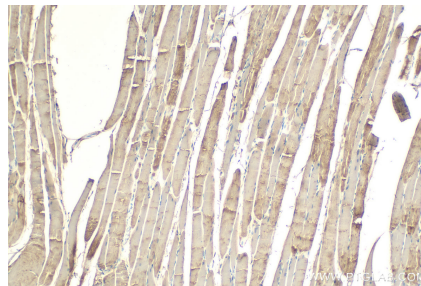
Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using 15814-1-AP (MYL1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using 15814-1-AP (MYL1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 15814-1-AP (MYL1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using 15814-1-AP (MYL1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).