

For Research Use Only

MYL1 Polyclonal antibody

Catalog Number: 15814-1-AP **2 Publications**



Basic Information

Catalog Number: 15814-1-AP	GenBank Accession Number: BC005318	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4632	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:500-1:2000
Source: Rabbit	Full Name: myosin, light chain 1, alkali; skeletal, fast	
Isotype: IgG	Calculated MW: 150aa,17 kDa; 194aa,22 kDa	
Immunogen Catalog Number: AG8594	Observed MW: 14-17 kDa, 22-25 kDa	

Applications

Tested Applications: IHC, WB, ELISA	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,
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	

Background Information

Notable Publications

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

Storage

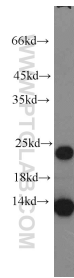
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

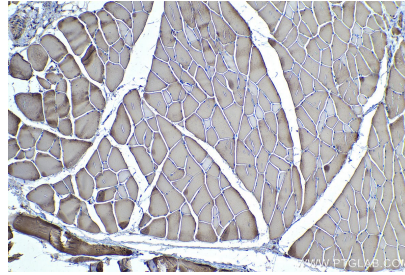
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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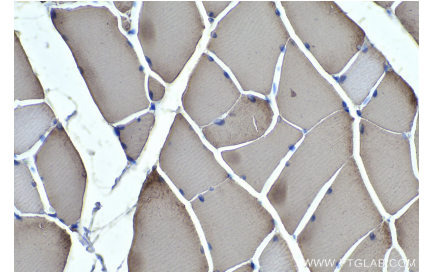
Selected Validation Data



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).