

For Research Use Only

MYL6B Polyclonal antibody

Catalog Number: 16963-1-AP



Basic Information

Catalog Number: 16963-1-AP	GenBank Accession Number: BC012425	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 140465	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P14649	
Isotype: IgG	Full Name: myosin, light chain 6B, alkali, smooth muscle and non-muscle	
Immunogen Catalog Number: AG10683	Calculated MW: 208 aa, 23 kDa	
	Observed MW: 22-25 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HuH-7 cells, mouse testis tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse skeletal muscle tissue,

Background Information

MYL6B, also known as MLC15A, is primarily found in a hexamer consisting of four light chains and two heavy chains. MYL6B is an essential light chain for non-muscle Myosin II (NMII) that is involved in the control of cell adhesion, cell migration and tissue architecture, cargo transport, and endocytosis (PMID: 29439719, 33817240).

Storage

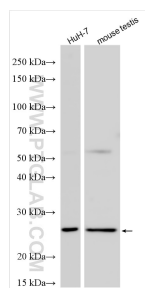
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

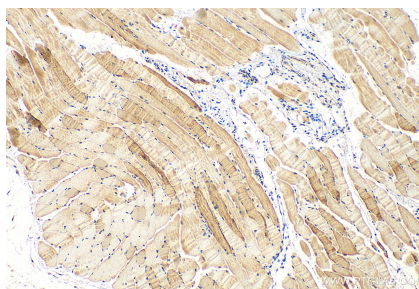
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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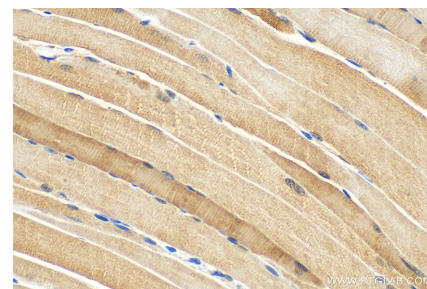
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16963-1-AP (MYL6B antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 16963-1-AP (MYL6B 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 mouse skeletal muscle tissue slide using 16963-1-AP (MYL6B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).