

For Research Use Only

MYL12A Polyclonal antibody

Catalog Number: 16287-1-AP

3 Publications



Basic Information

Catalog Number: 16287-1-AP	GenBank Accession Number: BC016372	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10627	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: myosin, light chain 12A, regulatory, non-sarcomeric	
Isotype: IgG	Calculated MW: 171 aa, 20 kDa	
Immunogen Catalog Number: AG9413	Observed MW: 19-20 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IHC, WB	WB : NIH/3T3 cells, human skeletal muscle tissue, mouse bladder tissue, Jurkat cells, HEK-293 cells, HeLa cells, mouse heart tissue
Species Specificity: human, mouse, rat	IHC : human heart tissue, human skeletal muscle tissue
Cited Species: human, mouse, pig	
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
Marchenko A V AV	21268344	Biofizika	IHC
Jie Sun	33424621	Front Physiol	WB
Shcherbakova Olga V OV	20459395	Biochem J	WB

Storage

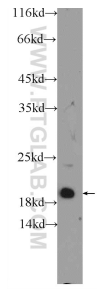
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

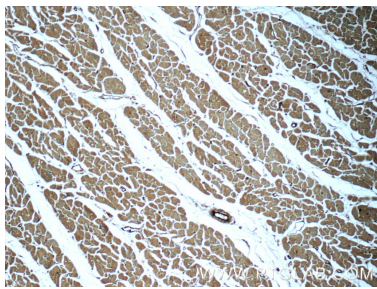
For technical support and original validation data for this product please contact:
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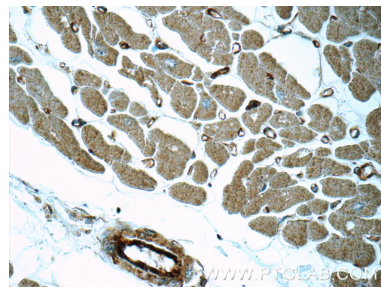
Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 16287-1-AP (MYL12A Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 16287-1-AP (MYL12A Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 16287-1-AP (MYL12A Antibody) at dilution of 1:50 (under 40x lens).