

For Research Use Only

MYH3 Polyclonal antibody

Catalog Number: 22287-1-AP

11 Publications



Basic Information

Catalog Number: 22287-1-AP	GenBank Accession Number: NM_002470	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 4621	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:250-1:1000
Source: Rabbit	Full Name: myosin, heavy chain 3, skeletal muscle, embryonic	
Isotype: IgG	Calculated MW: 234 kDa	
	Observed MW: 220-230 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: IF, WB	WB: mouse embryo tissue,
Species Specificity: human, mouse, rat	IP: mouse skeletal muscle tissue,
Cited Species: rat, mouse, bovine	IHC: rat heart tissue, mouse heart tissue
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
Paul J Thomas	27561302	Am J Pathol	
Lijun Sun	34829990	Int J Mol Sci	WB
Alzbeta Hulikova	35357563	Basic Res Cardiol	WB

Storage

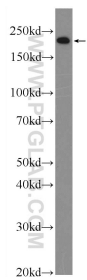
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

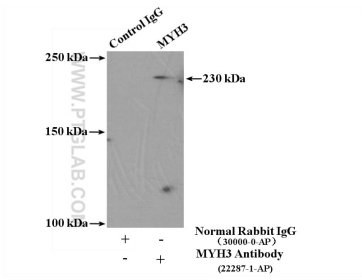
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

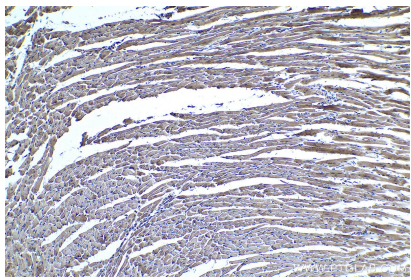
Selected Validation Data



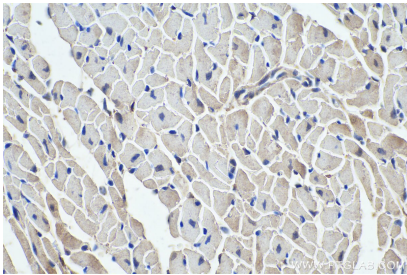
mouse embryo tissue were subjected to SDS PAGE followed by western blot with 22287-1-AP (MYH3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



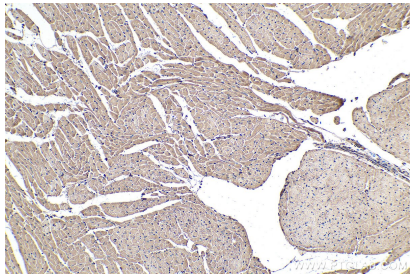
IP Result of anti-MYH3 (IP:22287-1-AP, 4ug; Detection:22287-1-AP 1:300) with mouse skeletal muscle tissue lysate 4000ug.



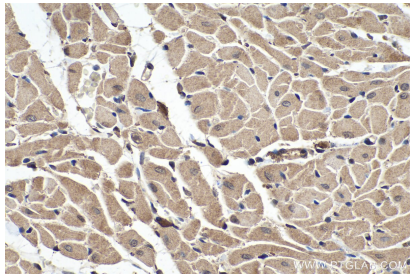
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 22287-1-AP (MYH3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 22287-1-AP (MYH3 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 rat heart tissue slide using 22287-1-AP (MYH3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 22287-1-AP (MYH3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).