

For Research Use Only

MYH3 Polyclonal antibody

Catalog Number: 22287-1-AP

14 Publications



Basic Information

Catalog Number:

22287-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002470

GeneID (NCBI):

4621

UNIPROT ID:

P11055

Full Name:

myosin, heavy chain 3, skeletal muscle, embryonic

Calculated MW:

234 kDa

Observed MW:

220-230 kDa

Purification Method:

Antigen affinity purification

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

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, bovine

Positive Controls:

WB : mouse embryo tissue,

IP : mouse skeletal muscle tissue,

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

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

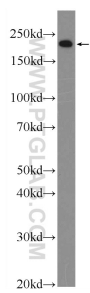
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

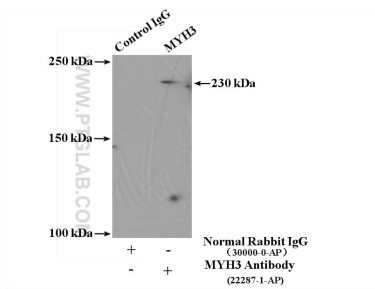
E: proteintech@ptglab.com
W: ptglab.com

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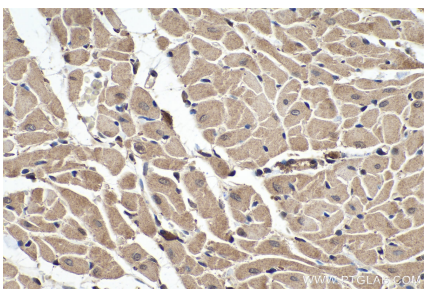
Selected Validation Data



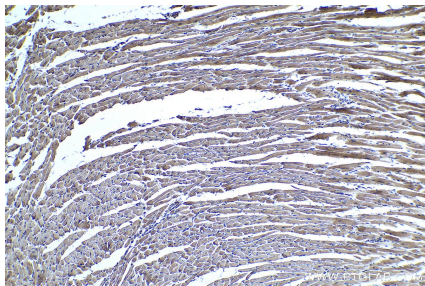
mouse embryo tissue were subjected to SDS PAGE followed by western blot with 22287-1-AP (MYH3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



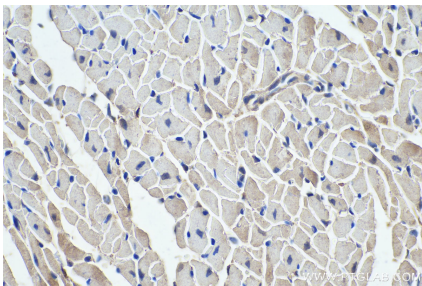
IP result of anti-MYH3 (IP:22287-1-AP, 4ug; Detection:22287-1-AP 1:300) with mouse skeletal muscle tissue lysate 4000ug.



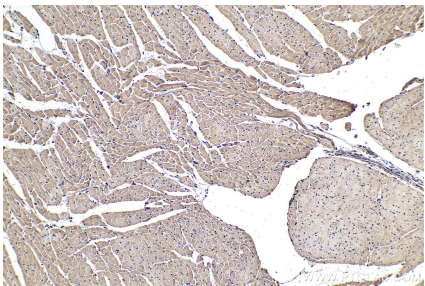
Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 22287-1-AP (MYH3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).