For Research Use Only

MYH3 Polyclonal antibody

Catalog Number:22287-1-AP 22 Publications

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Basic Information

Catalog Number:
22287-1-AP

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, IHC, IP, ELISA

Cited Applications:
WB, IHC, IF

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, rat, pig, bovine

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse embryo tissue,

IP : mouse skeletal muscle tissue,

IHC : rat heart tissue, mouse heart tissue

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

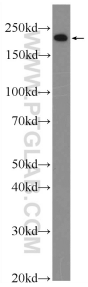
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

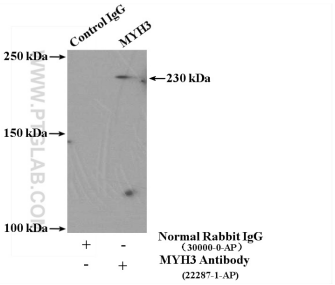
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

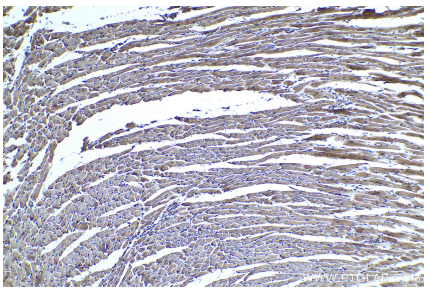
Selected Validation Data



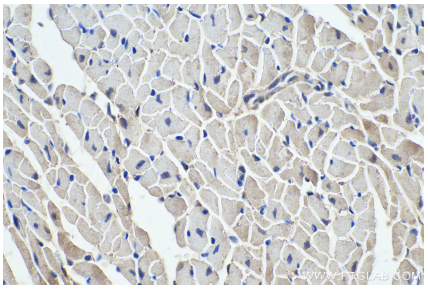
mouse embryo tissue were subjected to SDS PAGE followed by western blot with 22287-1-AP (MYH3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



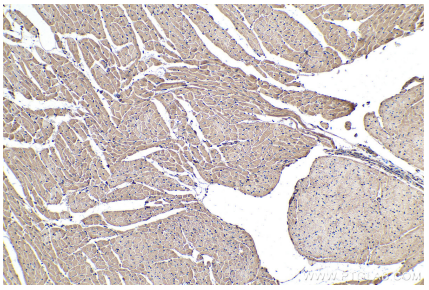
IP result of anti-MYH3 (IP:22287-1-AP, 4ug; Detection:22287-1-AP 1:300) with mouse skeletal muscle tissue lysate 4000ug.



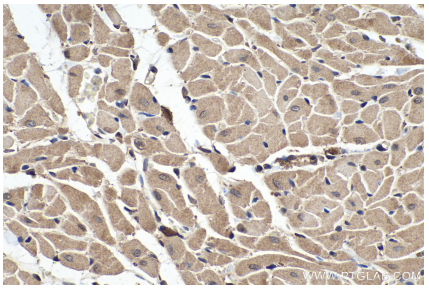
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 22287-1-AP (MYH3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).