

For Research Use Only

# MYOM2 Polyclonal antibody, PBS Only

Catalog Number: 32262-1-PBS



## Basic Information

<b>Catalog Number:</b> 32262-1-PBS	<b>GenBank Accession Number:</b> NM_003970.3	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9172	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P54296	
<b>Isotype:</b> IgG	<b>Full Name:</b> myomesin (M-protein) 2, 165kDa	
<b>Immunogen Catalog Number:</b> AG35659	<b>Calculated MW:</b> 165kDa 1465aa	
	<b>Observed MW:</b> 165 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

Myomesin proteins comprise three family members encoded by MYOM1, MYOM2 and MYOM3, and localize to the M-band of the sarcomere. These three myomesin isoforms correlate with the contractile properties in different fiber types. MYOM1 is expressed in all striated muscles, whereas MYOM2 is expressed in the adult heart and fast fibers, and MYOM3 is expressed only in skeletal muscle intermediate fiber types (PMID:14609030;26792323;15890201).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

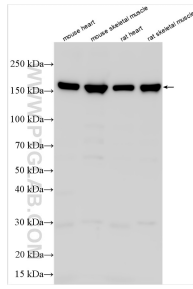
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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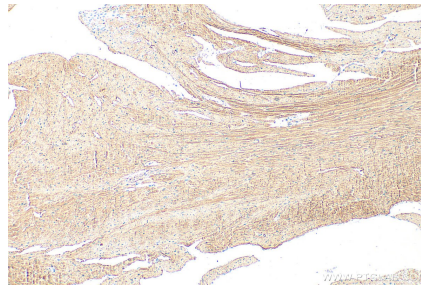
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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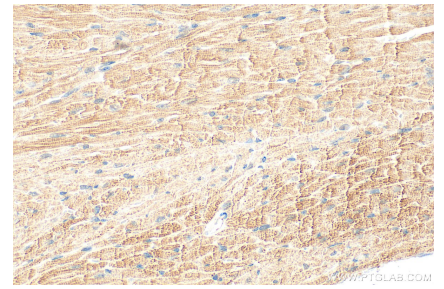
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32262-1-AP (MYOM2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32262-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 32262-1-AP (MYOM2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32262-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 32262-1-AP (MYOM2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32262-1-PBS in a different storage buffer formulation.