

For Research Use Only

# TNNI2 Polyclonal antibody

Catalog Number: 11634-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 11634-1-AP	<b>GenBank Accession Number:</b> BC032148	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 250 ug/ml by Nanodrop and 250 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7136	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IHC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P48788	
<b>Isotype:</b> IgG	<b>Full Name:</b> troponin I type 2 (skeletal, fast)	
<b>Immunogen Catalog Number:</b> AG2208	<b>Calculated MW:</b> 182 aa, 21 kDa	
	<b>Observed MW:</b> 21 kDa	

## Applications

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

**Cited Applications:**  
WB

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

**Cited Species:**  
mouse

**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 skeletal muscle tissue, human kidney tissue, human spleen tissue, human skeletal muscle tissue, rat skeletal muscle tissue

**IHC :** mouse skeletal muscle tissue, human skeletal muscle tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Fangping Lu	39416846	Heliyon	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**

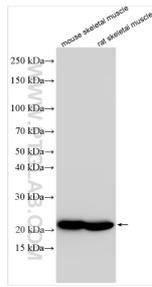
For technical support and original validation data for this product please contact:

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

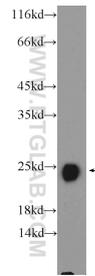
E: proteintech@ptglab.com  
W: ptglab.com

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

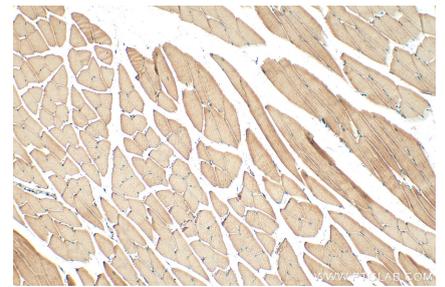
## Selected Validation Data



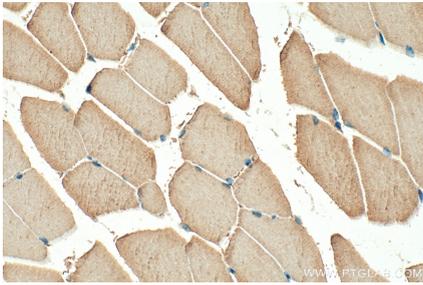
Various lysates were subjected to SDS PAGE followed by western blot with 11634-1-AP (TNNI2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 11634-1-AP (TNNI2 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 11634-1-AP (TNNI2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 11634-1-AP (TNNI2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).