

For Research Use Only

TNNI1 Polyclonal antibody

Catalog Number: 16102-1-AP **5 Publications**



Basic Information

Catalog Number: 16102-1-AP	GenBank Accession Number: BC012600	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 140 µg/ml by Nanodrop and 140 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7135	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:20-1:200
Source: Rabbit	Full Name: troponin I type 1 (skeletal, slow)	
Isotype: IgG	Calculated MW: 187 aa, 22 kDa	
Immunogen Catalog Number: AG9001	Observed MW: 25 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IF, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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 skeletal muscle tissue, rat skeletal muscle

IHC : human skeletal muscle tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Kensuke Ihara	33110103	Sci Rep	WB
Alzbeta Hulikova	35357563	Basic Res Cardiol	WB,IF
Bin Zhou	34226533	Cell Death Discov	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

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)

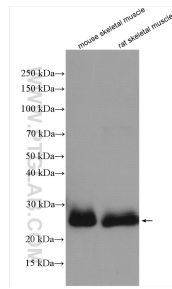
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



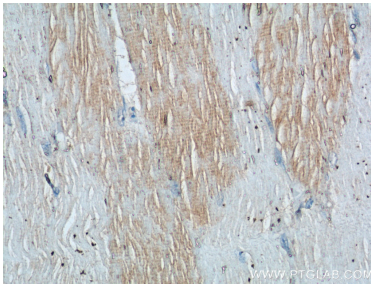
human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 16102-1-AP (TNNI1 antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 16102-1-AP (TNNI1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 16102-1-AP (TNNI1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 16102-1-AP (TNNI1 Antibody) at dilution of 1:50 (under 40x lens).