

For Research Use Only

TNNI1 Polyclonal antibody

Catalog Number: 16102-1-AP **7 Publications**



Basic Information

Catalog Number: 16102-1-AP	GenBank Accession Number: BC012600	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 140 ug/ml by Nanodrop and 140 ug/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	UNIPROT ID: P19237	
Isotype: IgG	Full Name: troponin I type 1 (skeletal, slow)	
Immunogen Catalog Number: AG9001	Calculated MW: 187 aa, 22 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB, IF	WB : mouse skeletal muscle tissue, human skeletal muscle tissue, rat skeletal muscle tissues
Species Specificity: human, mouse, rat	IHC : human skeletal muscle tissue,
Cited Species: human, rat, mouse	
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
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

*** 20ul sizes contain 0.1% BSA

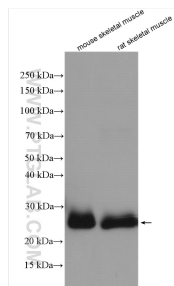
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



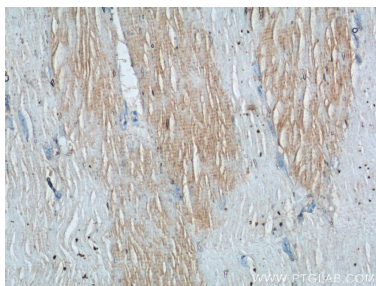
human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 16102-1-AP (TNNI1 antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



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).