

For Research Use Only

TNNI1 Polyclonal antibody

Catalog Number: 22253-1-AP



Basic Information

Catalog Number:

22253-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 420 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17749

GenBank Accession Number:

BC012600

GeneID (NCBI):

7135

UNIPROT ID:

P19237

Full Name:

troponin I type 1 (skeletal, slow)

Calculated MW:

187 aa, 22 kDa

Observed MW:

25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

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, rat skeletal muscle

IHC : human skeletal muscle tissue, human heart tissue

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

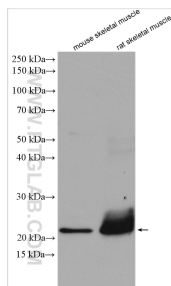
For technical support and original validation data for this product please contact:

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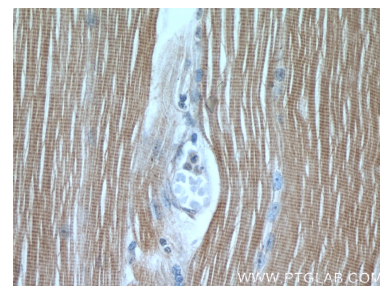
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22253-1-AP (TNNI1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle using 22253-1-AP (TNNI1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle using 22253-1-AP (TNNI1 antibody) at dilution of 1:50 (under 40x lens).