

For Research Use Only

# TNNI1 Polyclonal antibody

Catalog Number: 22253-1-AP



## Basic Information

|   |   |   |
|---|---|---|
| <b>Catalog Number:</b><br>22253-1-AP        | <b>GenBank Accession Number:</b><br>BC012600            | <b>Purification Method:</b><br>Antigen affinity purification        |
| <b>Size:</b><br>500 µg/ml                   | <b>GeneID (NCBI):</b><br>7135                           | <b>Recommended Dilutions:</b><br>WB 1:1000-1:4000<br>IHC 1:20-1:200 |
| <b>Source:</b><br>Rabbit                    | <b>UNIPROT ID:</b><br>P19237                            |   |
| <b>Isotype:</b><br>IgG                      | <b>Full Name:</b><br>troponin I type 1 (skeletal, slow) |   |
| <b>Immunogen Catalog Number:</b><br>AG17749 | <b>Calculated MW:</b><br>187 aa, 22 kDa                 |   |
|   | <b>Observed MW:</b><br>25 kDa                           |   |

## Applications

### Tested Applications:

IHC, WB, 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

## Background Information

### 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:

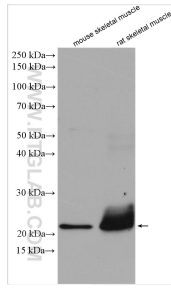
T: 4006900926

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W: [ptgcn.com](http://ptgcn.com)

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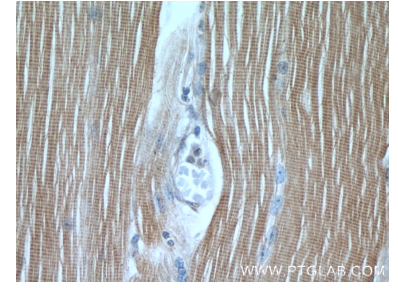
## Selected Validation Data



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).