

# Anti-TNNI1 Rabbit Monoclonal Antibody

Catalog # ABO15652

## Product Information

---

|                          |                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC, IP                                                                                                     |
| <b>Primary Accession</b> | <a href="#">P19237</a>                                                                                          |
| <b>Host</b>              | Rabbit                                                                                                          |
| <b>Isotype</b>           | IgG                                                                                                             |
| <b>Reactivity</b>        | Human                                                                                                           |
| <b>Clonality</b>         | Monoclonal                                                                                                      |
| <b>Format</b>            | Liquid                                                                                                          |
| <b>Description</b>       | Anti-TNNI1 Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications.<br>This antibody reacts with Human. |

## Additional Information

---

|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 7135                                                                                                                                       |
| <b>Other Names</b>         | Troponin I, slow skeletal muscle, Troponin I, slow-twitch isoform, TNNI1                                                                   |
| <b>Calculated MW</b>       | 21692                                                                                                                                      |
| <b>Application Details</b> | WB 1:500-1:2000<br>IHC 1:50-1:200<br>IP 1:50                                                                                               |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 22T28                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human TNNI1                                                                                             |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

---

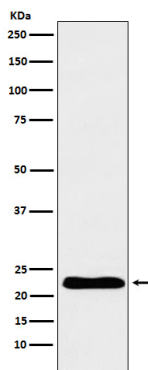
|                 |                                                                                                                                                                         |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>     | TNNI1                                                                                                                                                                   |
| <b>Function</b> | Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity. |

## Tissue Location

Highest levels observed in human skeletal muscle (e.g. gastrocnemious muscle), differentiated cultures of primary human muscle cells and rhabdomyosarcoma cells cultured in low serum medium Expressed in C2 muscle cell myoblasts and myotubes

## Images

---



Western blot analysis of TNNI1 expression in Human fetal heart lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.