

Basic Information

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|---------------------------|---|
| Product Name | Anti-TNNC1 Antibody (Clone#20T71) |
| Gene Name | TNNC1 |
| Source | Rabbit |
| Isotype | IgG |
| Species Reactivity | human, mouse, rat |
| Tested Application | WB, IHC |
| Contents | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.5mg/ml BSA. |
| Immunogen | A synthesized peptide derived from human Cardiac Troponin C |
| concentration | 500 ug/ml |
| Purification | Affinity-chromatography |
| Observed MW | 18KD |
| Dilution Ratios | Western blot (WB):1:500-2000 IHC: 1:50-1:200 |

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Troponin C1(TNNC1)(troponin C type 1(slow)), also called TROPONIN C, SLOW-TWITCH SKELETAL MUSCLE or TNC, is a protein that in humans is encoded by the TNNC1 gene. Using a "monochromosomal" hybrid panel, the TNNC1 gene is mapped to chromosome 3; subsequent analysis of the Genebridge 4 radiation hybrid panel localized the gene to 3p in a region consistent with the earlier assignment. Circular dichroism measurements revealed changes in the secondary structures of the TNNC1 mutants A8V, C84Y, and D145E.

Selected Validation Data

Product datasheet

Anti-TNNC1 Antibody (Clone#20T71)

Catalog Number: M03153-1

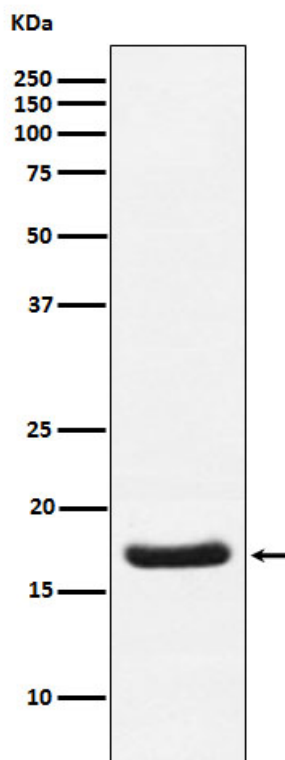
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Western blot analysis of Cardiac Troponin C expression in Human fetal heart lysate.