

## Product datasheet for **AP32711PU-N**

### **TNNT3 (C-term) Goat Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, IHC, WB
<b>Recommended Dilution:</b>	<b>Peptide ELISA:</b> 1/128000 (Detection Limit). <b>Western blot:</b> 0.01-0.03 µg/ml. Approx 35kDa band observed in Human, Mouse and Rat Skeletal Muscle lysates (calculated MW of 30.6kDa according to NP_006748.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Marian et al, Circ Res. 1997 Jul;81(1):76-85. PMID: 9201030.). <b>Immunohistochemistry on Paraffin Sections:</b> 4-8 µg/ml. In paraffin embedded Human Skeletal Muscle shows staining of select fibrils.
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Goat
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Peptide with sequence from the C-Terminus of the protein sequence according to NP_006748.1; NP_001036246.1; NP_001036247.1.
<b>Specificity:</b>	This antibody is expected to recognize isoform 1, 2 and 4 (NP_006748.1; NP_001036246.1; NP_001036247.1).
<b>Formulation:</b>	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified IgG fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	troponin T3, fast skeletal type

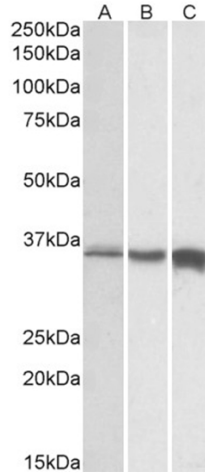


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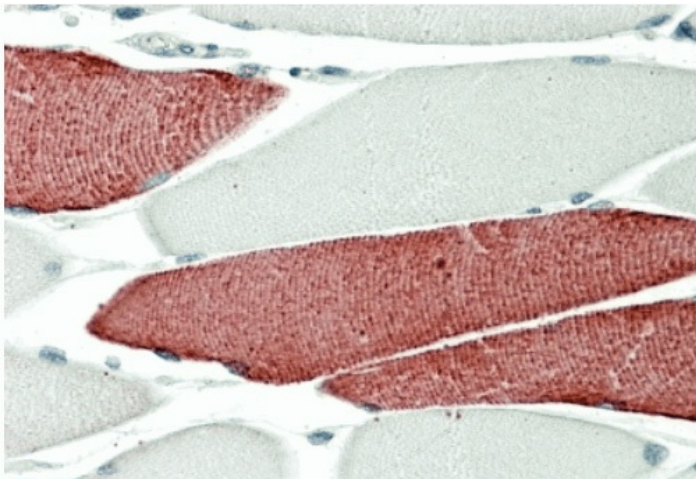
Database Link: [Entrez Gene 7140 Human P45378](#)

Synonyms: TnTf, Beta TnTF, TNNT3

**Product images:**



TNNI3 Antibody (0.01 ug/ml) staining of Human (A), Mouse (B) and Rat (C) Skeletal Muscle lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



TNNI3 Antibody staining of paraffin embedded Human Skeletal Muscle at 5 ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.