

TNNT3 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF3966a**Specification**

TNNT3 Antibody (C-Term) - Product Information

Application	WB, IHC
Primary Accession	P45378
Other Accession	NP_006748.1 , NP_001036246.1 , NP_001036247.1 , 7140 , 21957 (mouse) , 24838 (rat)
Reactivity	Human, Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	31825

TNNT3 Antibody (C-Term) - Additional Information**Gene ID** 7140**Other Names**

Troponin T, fast skeletal muscle, TnTf, Beta-TnTF, Fast skeletal muscle troponin T, fTnT, TNNT3

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TNNT3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TNNT3 Antibody (C-Term) - Protein Information**Name** TNNT3**Function**

Troponin T is the tropomyosin-binding subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

Tissue Location

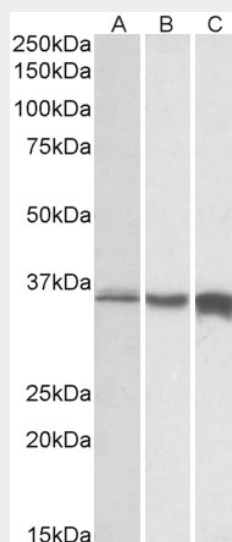
In fetal and adult fast skeletal muscles, with a higher level expression in fetal than in adult muscle

TNNT3 Antibody (C-Term) - Protocols

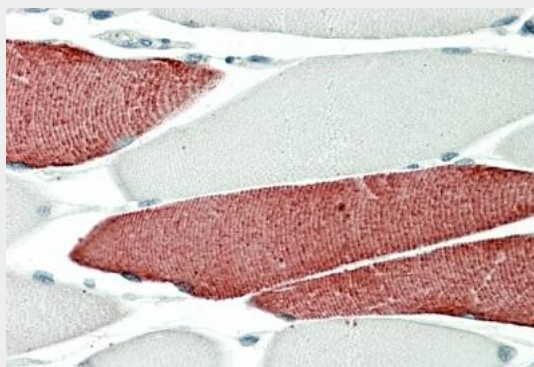
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TNNT3 Antibody (C-Term) - Images



AF3966a (0.01 µg/ml) staining of Human (A), Mouse (B) and Rat (C) Skeletal Muscle lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF3966a (5 µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

TNNT3 Antibody (C-Term) - Background

This antibody is expected to recognize isoform 1, 2 and 4 (NP_006748.1; NP_001036246.1; NP_001036247.1).

TNNT3 Antibody (C-Term) - References

A novel mutation in TNNT3 associated with Sheldon-Hall syndrome in a Chinese family with vertical talus. Zhao N, Jiang M, Han W, Bian C, Li X, Huang F, Kong Q, Li J. Eur J Med Genet. 2011 May-Jun;54(3):351-3. PMID: 21402185