

TNNT1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3929a**Specification**

TNNT1 Antibody (internal region) - Product Information

Application	E
Primary Accession	P13805
Other Accession	NP_003274.3 , NP_001119604.1 , NP_001119605.1 , 7138
Predicted	Human, Pig, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	32948

TNNT1 Antibody (internal region) - Additional Information**Gene ID** 7138**Other Names**

Troponin T, slow skeletal muscle, TnTs, Slow skeletal muscle troponin T, sTnT, TNNT1, TNT

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

TNNT1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

TNNT1 Antibody (internal region) - Protein Information**Name** TNNT1**Synonyms** TNT**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.

TNNT1 Antibody (internal region) - 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](#)

TNNT1 Antibody (internal region) - Images**TNNT1 Antibody (internal region) - Background**

This antibody is expected to recognize all reported isoforms (NP_003274.3; NP_001119604.1; NP_001119605.1).

TNNT1 Antibody (internal region) - References

Myosin cross-bridges do not form precise rigor bonds in hypertrophic heart muscle carrying troponin T mutations. Midde K, Dumka V, Pinto JR, Muthu P, Marandos P, Gryczynski I, Gryczynski Z, Potter JD, Borejdo J. J Mol Cell Cardiol. 2011 Sep;51(3):409-18. PMID: 21683708