

TNNI2 Antibody (N-Term)
Peptide-affinity purified goat antibody
Catalog # AF3967a**Specification**

TNNI2 Antibody (N-Term) - Product Information

Application	WB
Primary Accession	P48788
Other Accession	NP_003273.1 , NP_001139313.1 , 7136 , 21953 (mouse), 29389 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	21339

TNNI2 Antibody (N-Term) - Additional Information**Gene ID** 7136**Other Names**

Troponin I, fast skeletal muscle, Troponin I, fast-twitch isoform, TNNI2

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

TNNI2 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TNNI2 Antibody (N-Term) - Protein Information**Name** TNNI2**Function**

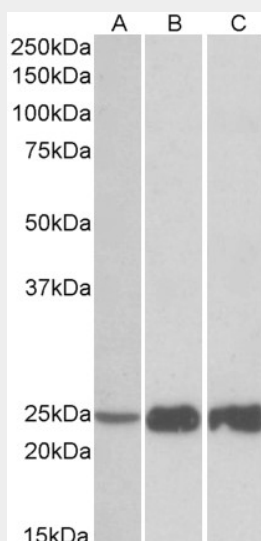
Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

TNNI2 Antibody (N-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](#)

TNNI2 Antibody (N-Term) - Images



AF3967a (0.03 µg/ml) staining of Human (A), Mouse(B) and Rat (C) Skeletal Muscle lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

TNNI2 Antibody (N-Term) - Background

This antibody is expected to recognize both reported isoforms (NP_003273.1; NP_001139313.1). Reported variants represent identical protein: NP_001139301.1, NP_003273.1.

TNNI2 Antibody (N-Term) - References

Expression of the fast twitch troponin complex, fTnT, fTnI and fTnC, in vascular smooth muscle. Moran CM, Garriock RJ, Miller MK, Heimark RL, Gregorio CC, Krieg PA. Cell Motil Cytoskeleton. 2008 Aug;65(8):652-61. PMID: 18548613