



Datasheet for ABIN2784497  
**anti-TNNT3 antibody (N-Term)**



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1 Image

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### Overview

Quantity:	100 µL
Target:	TNNT3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Cow, Horse, Dog, Goat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNNT3 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TNNT3
Sequence:	PRPKLTAPKI PEGEKVDFDD IQKKRQNKDL MELQALIDSH FEARKKEEEE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against TNNT3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

### Target Details

Target:	TNNT3
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## Target Details

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Alternative Name:	TNNT3 ( <a href="#">TNNT3 Products</a> )
Background:	<p>Troponin T is the tropomyosin-binding subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.</p> <p>Alias Symbols: AMCD2B, DA2B, DKFZp779M2348, FSSV, TNTF</p> <p>Protein Interaction Partner: TNNC1, TPM1, TNNI2, TNNC2, TNNT3, NUDT3, TSG101, TRIM63, SNUPN, HAP1,</p> <p>Protein Size: 250</p>
Molecular Weight:	30 kDa
Gene ID:	7140
NCBI Accession:	<a href="#">NM_001042780</a> , <a href="#">NP_001036245</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 250 AA
Restrictions:	For Research Use only

## Handling

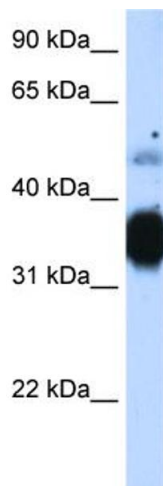
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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Product cited in: Collins, Wright, Edwards, Davis, Grinham, Cole, Goward, Aguado, Mallya, Mokrab, Huckle, Beare, Dunham: "A genome annotation-driven approach to cloning the human ORFeome." in: **Genome biology**, Vol. 5, Issue 10, pp. R84, (2004) ([PubMed](#)).

Validation report #103398 for Immunocytochemistry (ICC)

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#### Western Blotting

**Image 1.** WB Suggested Anti-TNNT3 Antibody Titration:  
1.25ug/ml Positive Control: Human Muscle