



[Go to Product page](#)

Datasheet for ABIN2784492  
**anti-TNNI2 antibody (N-Term)**

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	TNNI2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Cow, Goat, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNNI2 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 TNNI2
Sequence:	PLHIPGSMSE VQELCKQLHA KIDAAEEEEKY DMEVRVQKTS KELEDMNQKL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 75%
Characteristics:	This is a rabbit polyclonal antibody against TNNI2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

### Target Details

Target:	TNNI2
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## Target Details

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Alternative Name:	TNNI2 ( <a href="#">TNNI2 Products</a> )
Background:	<p>Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.</p> <p>Alias Symbols: AMCD2B, DA2B, FSSV, fsTnl</p> <p>Protein Interaction Partner: TRIM63, TRIM55, UPF2, RORB, HNF4G, ESRRA, PKD2L1, TNNC1, TNNC2, TNNT3, TNNT1, CALM1, ACTB,</p> <p>Protein Size: 182</p>
Molecular Weight:	21 kDa
Gene ID:	7136
NCBI Accession:	<a href="#">NM_003282</a> , <a href="#">NP_003273</a>
UniProt:	<a href="#">P48788</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 182 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.

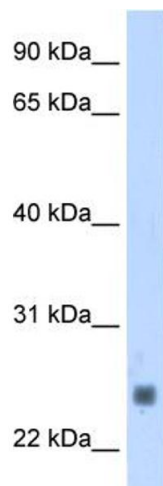
## Publications

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Product cited in: Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) ([PubMed](#)).

## Images

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### Western Blotting

**Image 1.** WB Suggested Anti-TNNI2 Antibody Titration:  
1.25ug/ml Positive Control: Human Muscle