



Product datasheet

Anti-TNNT3 antibody - C-terminal ab175058

★★★★★ [1 Abreviews](#) [1 References](#) [1 Image](#)

Overview

Product name	Anti-TNNT3 antibody - C-terminal
Description	Goat polyclonal to TNNT3 - C-terminal
Host species	Goat
Specificity	ab175058 is expected to recognize isoform 1, 2 and 4 (NP_006748.1; NP_001036246.1; NP_001036247.1).
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human TNNT3 aa 240-254 (C terminal) (Cysteine residue). The exact sequence is proprietary. NP_006748.1; NP_001036246.1; NP_001036247.1 Sequence: TTLRSRIDQAQKHSK Database link: P45378 <div>  Run BLAST with  Run BLAST with </div>
Positive control	Human, Mouse and Rat skeletal muscle lysates
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 99% Tris buffered saline

Purity	Immunogen affinity purified
Purification notes	ab175058 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

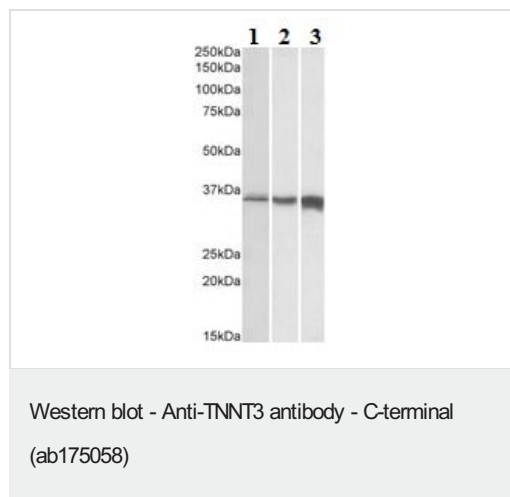
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab175058 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★★★★★ (1)	Use a concentration of 4 - 8 µg/ml.
WB		Use a concentration of 0.01 - 0.03 µg/ml. Predicted molecular weight: 32 kDa. 1 hour primary incubation is recommended for this product.

Target

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 specificity	In fetal and adult fast skeletal muscles, with a higher level expression in fetal than in adult muscle.
Involvement in disease	Defects in TNNT3 are a cause of distal arthrogryposis type 2B (DA2B) [MIM:601680]; also known as arthrogryposis multiplex congenita, distal, type 2B (AMCD2B). DA2B is a form of inherited multiple congenital contractures. Affected individuals have vertical talus, ulnar deviation in the hands, severe camptodactyly, and a distinctive face characterized by a triangular shape, prominent nasolabial folds, small mouth and a prominent chin.
Sequence similarities	Belongs to the troponin T family.

Images



All lanes : Anti-TNNT3 antibody - C-terminal (ab175058) at 0.01 µg/ml

Lane 1 : Human skeletal muscle lysate

Lane 2 : Mouse skeletal muscle lysate

Lane 3 : Rat skeletal muscle lysate

Lysates/proteins at 35 µg per lane.

Predicted band size: 32 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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