

Anti-Troponin T1/TNT antibody ab155028

★★★★★ [1 Abreviews](#) [1 References](#) [3 Images](#)

Overview

Product name	Anti-Troponin T1/TNT antibody
Description	Rabbit polyclonal to Troponin T1/TNT
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human, Pig
Immunogen	Recombinant fragment corresponding to Human Troponin T1/TNT aa 1-278. Database link: P13805
Positive control	H1299 whole cell lysate. Human colon carcinoma and pig skeletal muscle tissue.
General notes	Keep as concentrated solution. 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. 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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab155028 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
WB		1/500 - 1/3000. Predicted molecular weight: 33 kDa.
IHC-P	★★★★★ (1)	1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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.

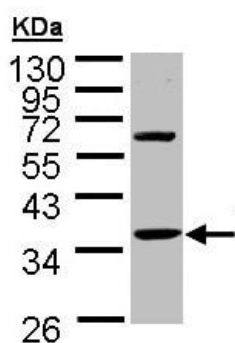
Involvement in disease

Nemaline myopathy 5

Sequence similarities

Belongs to the troponin T family.

Images

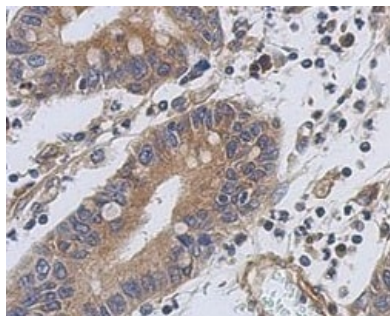


Western blot - Anti-Troponin T1/TNT antibody
(ab155028)

Anti-Troponin T1/TNT antibody (ab155028) at 1/1000 dilution +
H1299 whole cell lysate at 30 µg

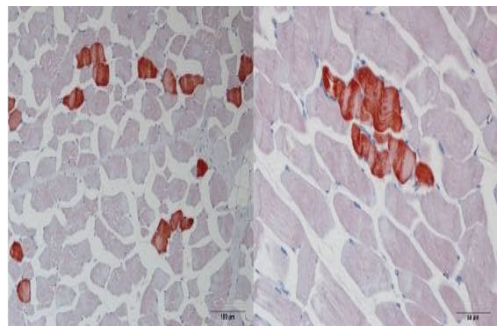
Predicted band size: 33 kDa

10% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-Troponin T1/TNT antibody
(ab155028)

Immunohistochemical analysis of paraffin embedded Human colon
carcinoma tissue, labeling Troponin T1/TNT using ab155028 at
1/500 dilution.



Immunohistochemical analysis of paraffin embedded Pig skeletal muscle tissue, labeling Troponin T1/TNT using ab155028 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Troponin T1/TNT antibody (ab155028)

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

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