



[Go to Product page](#)

Datasheet for ABIN1590029
anti-TNNT3 antibody (C-Term)

1 Image

Overview

Quantity:	100 µg
Target:	TNNT3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TNNT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	TNNT3
Sequence:	TTLRSRIDQA QKHSK
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 1, 2 and 4 (NP_006748.1, NP_001036246.1, NP_001036247.1). Reported variants represent identical protein: NP_001284575.1, NP_001036247.1
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

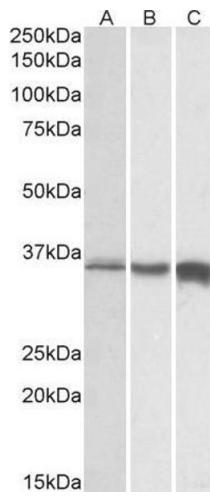
Target:	TNNT3
Alternative Name:	TNNT3 (TNNT3 Products)
Background:	TNNT3, troponin T type 3 (skeletal, fast), TNTF, beta TnTF, beta-TnTF, fTnT, fast skeletal muscle troponin T, troponin T, fast skeletal muscle, troponin-T3, skeletal, fast
Gene ID:	7140, 21957, 24838
NCBI Accession:	NP_006748 , NP_001036246 , NP_001036247

Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Skeletal Muscle shows staining of select fibrils. Recommended concentration, 4-8 µg/mL.</p> <p>Western Blot: Approx 35 kDa band observed in Human, Mouse and Rat Skeletal Muscle lysates (calculated MW of 30.6 kDa according to NP_006748.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Marian et al).</p> <p>Peptide ELISA: antibody detection limit dilution 1:128000.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN1590029 (0.01 μ g/ml) staining of Human (A), Mouse (B) and Rat (C) Skeletal Muscle lysates (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.