Datasheet for ABIN1590144

anti-TNNI2 antibody (AA 83-95)

1 Image

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Overview

Quantity:	100 µg
Target:	TNNI2
Binding Specificity:	AA 83-95
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TNNI2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	TNNI2 (aa83-95)
Sequence:	EVRVQKTSKE LED
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_003273.1, NP_001139313.1). Reported variants represent identical protein: NP_001139301.1, NP_003273.1.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	TNNI2
Alternative Name:	TNNI2 (TNNI2 Products)
Background:	TNNI2, troponin I type 2 (skeletal, fast), AMCD2B, DA2B, FSSV, fsTnI, fast-twitch skeletal muscle troponin I, troponin I fast twitch 2, troponin I, fast skeletal muscle, troponin I, fast-twitch isoform, troponin I, fast-twitch skeletal muscle isoform, tro
Gene ID:	7136
NCBI Accession:	NP_003273, NP_001139313

Application Details

Application Notes:	Western Blot: Approx 25 kDa band observed in Human, Mouse and Rat Skeletal Muscle lysates (calculated MW of 21.3 kDa according to NP_003273.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
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.

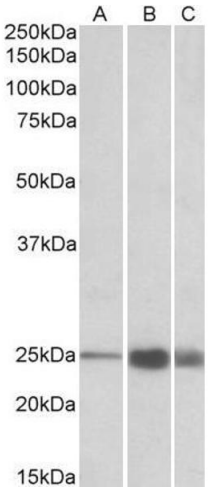

Image 1. ABIN1590144 (1 µg/mL) staining of Human (A), Mouse(B) and Rat (C) Skeletal Muscle lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.