

Datasheet for ABIN2613399

anti-Cardiac Troponin T2 antibody (AA 201-213)



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2 Images

Overview

Quantity:	100 µg
Target:	Cardiac Troponin T2 (cTnT)
Binding Specificity:	AA 201-213
Reactivity:	Human, Mouse, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Cardiac Troponin T2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	cardiac troponin T (aa201-213)
Sequence:	TERKSGKRQT ERE
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_000355.2, NP_001001430.1, NP_001001431.1, NP_001001432.1).
Cross-Reactivity:	Cat, Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Cardiac Troponin T2 (cTnT)
Alternative Name:	TNNT2 (cTnT Products)
Background:	TNNT2, troponin T type 2 (cardiac), CMH2, CMPD2, LVNC6, MGC3889, RCM3, TnTC, cTnT, OTTHUMP00000033864, OTTHUMP00000033865, OTTHUMP00000033866, OTTHUMP00000033867, OTTHUMP00000033870, OTTHUMP00000218095, cardiac muscle troponin T, cardiomyopathy, dilated 1
Gene ID:	7139, 21956, 24837
NCBI Accession:	NP_000355 , NP_001001430 , NP_001001431 , NP_001001432

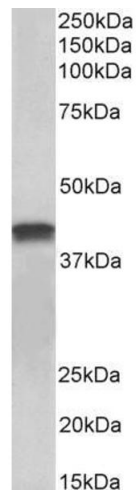
Application Details

Application Notes: Western Blot: Approx 40 kDa band observed in Human, Mouse and Pig Heart lysates (calculated MW of 35.6 kDa according to Human NP_000355.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Luedde, Cardi Peptide ELISA: antibody detection limit dilution 1:128000.

Restrictions: For Research Use only

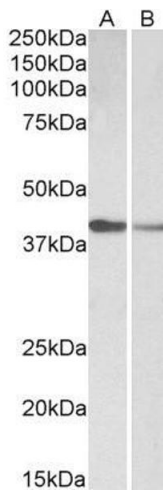
Handling

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. ABIN2613399 (0.1µg/ml) staining of Pig Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 2. ABIN2613399 (0.1µg/ml) staining of Human (A) and Mouse (B) Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.