

Datasheet for ABIN7435442

anti-Cardiac Troponin T2 antibody (AA 1-289)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Cardiac Troponin T2 (cTnT)
Binding Specificity:	AA 1-289
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cardiac Troponin T2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Troponin T Type 2, Cardiac (TNNT2)
Immunogen:	Recombinant Troponin T Type 2, Cardiac (TNNT2) corresponding to Met1~Lys289 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TNNT2. It has been selected for its ability to recognize TNNT2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

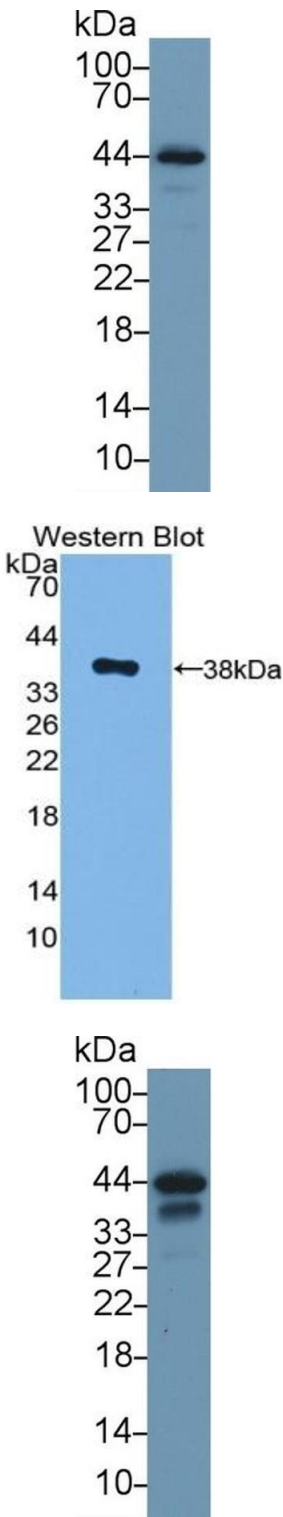
Target:	Cardiac Troponin T2 (cTnT)
Alternative Name:	Troponin T Type 2, Cardiac (cTnT Products)
Background:	CMH2, cTnT, TnTc, Cardiomyopathy, Hypertrophic 2, Cardiac muscle troponin T

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:170-650 Immunohistochemistry: 5-20 µg/mL 1:17-65 Immunocytochemistry: 5-20 µg/mL 1:17-65 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of TNNT2 in Mouse Heart lysate using Polyclonal Antibody to Troponin T Type 2, Cardiac (TNNT2)

Western Blotting

Image 2. Detection of Recombinant TNNT2, Rat using Polyclonal Antibody to Troponin T Type 2, Cardiac (TNNT2)

Western Blotting

Image 3. Detection of TNNT2 in Rat Heart lysate using Polyclonal Antibody to Troponin T Type 2, Cardiac (TNNT2)