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Datasheet for ABIN541060

anti-Cardiac Troponin T2 antibody

2 Images

Overview

Quantity:	100 µg
Target:	Cardiac Troponin T2 (cTnT)
Reactivity:	Human, Mouse, Rabbit, Dog, Cat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cardiac Troponin T2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of TNNT2.
Immunogen:	A synthetic peptide corresponding to internal domain of human TNNT2.
Specificity:	This antibody recognizes 31 KDa of TNNT2 by Western blot.
Cross-Reactivity:	Cat, Dog, Human, Mouse, Rabbit
Characteristics:	Antibody Reactive Against Synthetic Peptide.

Target Details

Target:	Cardiac Troponin T2 (cTnT)
Alternative Name:	Cardiac Troponin T (cTnT Products)
Gene ID:	7139

Application Details

Application Notes: Western Blot (0.1-1 µg/mL)
ELISA (0.01-0.1 µg/mL)
Immunoprecipitation (2-5 µg/mL)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In TBS, pH 7.2 (BSA, 10 % Proclin300)

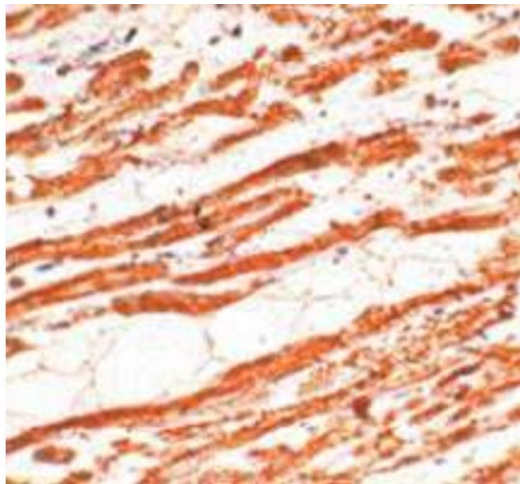
Preservative: ProClin

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

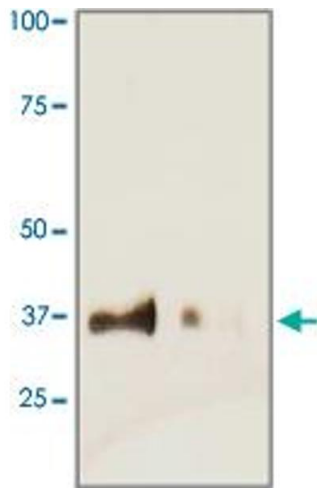
Storage Comment: Store at 4°C. For long term storage store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Images



Immunohistochemistry

Image 1. Immunohistochemical staining of human cardiac muscle stained with TNNT2 polyclonal antibody at 1 : 50 for 10 min at RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.



Western Blotting

Image 2. Tissue lysate from mouse heart was resolved onto 12% SDS-PAGE and transferred onto NC Membrane, then probed by TNNT2 polyclonal antibody at 1 : 500, right lane. Left lane was depleted by immunizing peptide.