

Datasheet for ABIN1405087

anti-TNNC1 antibody (pThr143) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TNNC1
Binding Specificity:	pThr143
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNNC1 antibody is conjugated to Biotin
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human cardiac around the phosphorylation site of Troponin I Thr143
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	TNNC1
Alternative Name:	cardiac Troponin I (TNNC1 Products)
Background:	Synonyms: cardiac Troponin I phospho Thr143, p-cardiac Troponin I Thr143, cardiac Troponin I

Target Details

phospho T143, p-cardiac Troponin I T143, Cardiac troponin I, Cardiomyopathy, familial hypertrophic, 7, included, CMD1FF, CMD2A, CMH7, cTnI, Familial hypertrophic cardiomyopathy 7, MGC116817, RCM1, p-Tn1, p-Tni, TNN I3, p-TNNC 1, p-TNNC1, p-TNNI3, p-Troponin I cardiac, Troponin I cardiac muscle, Troponin I cardiac muscle isoform, Troponin I type 3 cardiac, troponin I, cardiac 3, TroponinI, TNNI3_HUMAN.

Background: Troponin I (TnI), along with troponin T (TnT) and troponin C (TnC), is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle. TnI is the inhibitory subunit, blocking actin-myosin interactions and thereby mediating striated muscle relaxation. The TnI subfamily contains three genes: TnI-skeletal-fast-twitch, TnI-skeletal-slow-twitch, and TnI-cardiac. This gene encodes the TnI-cardiac protein and is exclusively expressed in cardiac muscle tissues. Mutations in this gene cause familial hypertrophic cardiomyopathy type 7 (CMH7) and familial restrictive cardiomyopathy (RCM). [provided by RefSeq].

Gene ID: 7137

Application Details

Application Notes: IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months