

Anti-Cardiac Troponin C Rabbit Monoclonal Antibody

Catalog # ABO15495

Product Information

Application	WB, IHC
Primary Accession	P63316
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Cardiac Troponin C Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

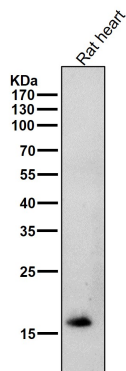
Gene ID	7134
Other Names	Troponin C, slow skeletal and cardiac muscles, TN-C, TNNC1, TNNC
Calculated MW	18403
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 20T71
Immunogen	A synthesized peptide derived from human Cardiac Troponin C
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

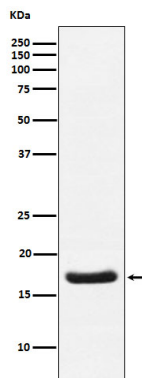
Name	TNNC1
Synonyms	TNNC
Function	Troponin is the central regulatory protein of striated muscle contraction. Tn consists of three components: Tn-I which is the inhibitor of actomyosin ATPase, Tn-T which contains the binding site for tropomyosin and Tn-C. The

binding of calcium to Tn-C abolishes the inhibitory action of Tn on actin filaments.

Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of Cardiac Troponin C expression in Human fetal heart lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.