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Cardiac Troponin C Antibody

Rabbit mAb
Catalog # AP92036

Product Information

Application	WB, IHC
Primary Accession	P63316
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	tnnc1a; TNC; Tnnc1; TNNI3; Troponin C;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	18403

Additional Information

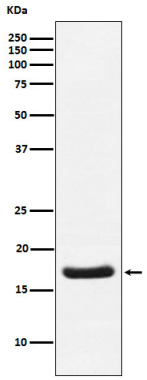
Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cardiac Troponin C
Description	Troponin is the central regulatory protein of striated muscle contraction. Tn consists of three components: Tn-I which is the inhibitor of actomyosin 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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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

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'.