

Product Datasheet

Cardiac Troponin C Antibody



Catalog No: CY8793

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC

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Information

UniProt ID: P63316

All Names: tnnc1a; TNC; Tnnc1; TNNT3; Troponin C;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 18kDa

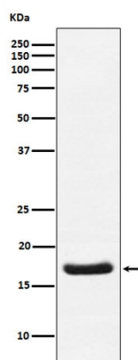
Application

WB 1:500~1:2000

IHC 1:50~1:200

Background

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.



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

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