

**产品名称: Cardiac Troponin C Rabbit Monoclonal Antibody**  
**产品货号: AMRe84494**



## 产品概述 (Summary)

|                        |                                               |
|------------------------|-----------------------------------------------|
| 产品名称 (Production Name) | Cardiac Troponin C Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody        |
| 宿主 (Host)              | Rabbit                                        |
| 应用 (Application)       | WB,IHC                                        |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                               |

## 产品性能 (Performance)

|                     |                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                 |
| 修饰 (Modification)   | Unmodified                                                                                   |
| 同种型 (Isotype)       | IgG                                                                                          |
| 克隆 (Clonality)      | Monoclonal                                                                                   |
| 形式 (Form)           | Liquid                                                                                       |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.     |
| 储存溶液 (Buffer)       | Purified antibody in PBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol. |
| 纯化方式 (Purification) | Affinity Purification                                                                        |

## 免疫原信息 (Immunogen)

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| 基因名 (Gene Name)        | Cardiac Troponin C                                    |
| 别名 (Alternative Names) | ttnnc1a; TNC; Tnnc1; TNNI3; Troponin C;;TNNC1         |
| 基因 ID (Gene ID)        |                                                       |
| 蛋白 ID (SwissProt ID)   | P63316.A synthesized peptide derived from human TNNC1 |

## 产品应用 (Application)

|                          |                                  |
|--------------------------|----------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:1000-1:2000,IHC 1:100-1:200 |
| 蛋白分子量 (Molecular Weight) | 18 kDa                           |

## 研究背景 (Background)

Troponin is the central regulatory protein of striated muscle contraction. Tn consists of three components: Tn-I which is the

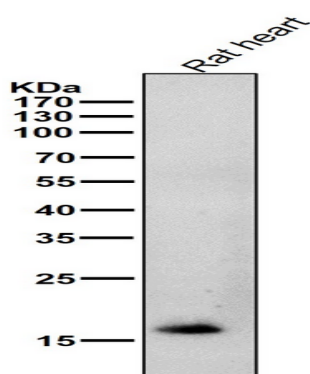
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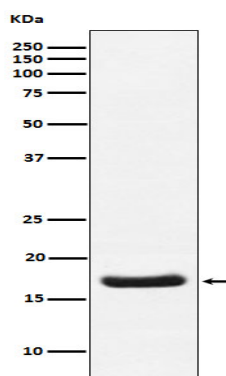
inhibitor of actomyosin ATPase, Tn-T which contains the binding site for tropomyosin and Tn-C. The binding of calcium to Tn-C abolishes the inhibitory action of Tn on actin filaments.

## 研究领域 (Research Area)

## 图片 (Image Data)



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.

## 注意事项 (Note)

For research use only .