

# Cardiac Troponin C Rabbit mAb

货号: **AYM30521**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	18kDa
实测分子量	18kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse heart,Mouse lung,Mouse skeletal muscle
细胞定位	cytosol
纯化	Affinity purification

## 抗原信息

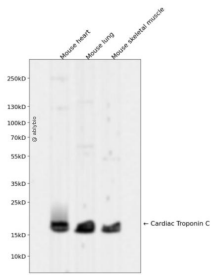
抗原信息	Recombinant fusion protein corresponding to Human Cardiac Troponin C.
序列	MDDIYKAAVEQLTEEKNEFKAADFIVLGAEDGCISTKELGKVMRMLGQNPTPEELQEMIDEVDEDEDGSGTVDFDEFLVM MVRCKDDSKGKSEELSDLFRMFDKNADGYIDLDELKIMLQATGETITEDDIEELMKDGDKNNDGRIDYDEFLEFMKG V

## 靶点信息

研究背景	Troponin is a central regulatory protein of striated muscle contraction, and together with tropomyosin, is located on the actin filament. Troponin consists of 3 subunits: TnI, which is the inhibitor of actomyosin ATPase; TnT, which contains the binding site for tropomyosin; and TnC, the protein encoded by this gene. The binding of calcium to TnC abolishes the inhibitory action of TnI, thus allowing the interaction of actin with myosin, the hydrolysis of ATP, and the generation of tension. Mutations in this gene are associated with cardiomyopathy dilated type 1Z.
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基因ID	7134
基因名	TNNC1
Swiss	P63316
别名	TNNC1;CMD1Z;CMH13;TN-C;TNC;TNNC;troponin C1

## 产品验证



Western blot analysis of Cardiac Troponin C expressed in Mouse heart, Mouse lung, Mouse skeletal muscle using Cardiac Troponin C Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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