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Troponin I Rabbit mAb

货号: AYM31268

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	24kDa
实测分子量	28kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse heart,Rat lung
细胞定位	cardiac myofibril,cytosol,sarcomere
纯化	Affinity purification

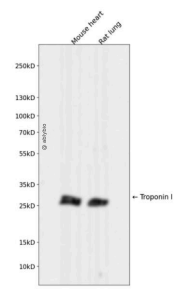
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Troponin I.

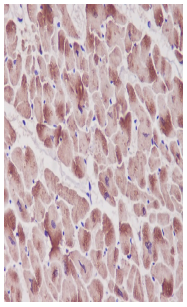
靶点信息

研究背景	Troponin I (TnI), along with troponin T (TnT) and troponin C (TnC), is one of 3 subunits that form the tropo nin complex of the thin filaments of striated muscle. TnI is the inhibitory subunit; blocking actin-myosin in teractions and thereby mediating striated muscle relaxation. The TnI subfamily contains three genes: TnI-skeletal-fast-twitch, TnI-skeletal-slow-twitch, and TnI-cardiac. This gene encodes the TnI-cardiac protein a nd is exclusively expressed in cardiac muscle tissues. Mutations in this gene cause familial hypertrophic c ardiomyopathy type 7 (CMH7) and familial restrictive cardiomyopathy (RCM).
基因ID	7137
基因名	TNNI3
Swiss	P19429 (https://www.uniprot.org/uniprotkb/P19429/entry)
别名	Troponin I,Troponin I Rabbit mAb,TNNI3,Cardiac troponin I,TNNC1

产品验证



Western blot analysis of Troponin I expressed in Mouse heart,Rat lung using Troponin I Rabbit mAb at 1:10 00. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Block ing buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human heart, using Troponin I Antibody.

实验步骤

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