

Cardiac Troponin I (TNNI3) Rabbit pAb

货号: B12695

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	PCR: Mus musculus WB: Mus musculus
应用	WB IF/ICC IP
推荐浓度	WB: 1:500 - 1:1000 IF/ICC: 1:50 - 1:200 IP: 1:500 - 1:1000
理论分子量	24kDa
实测分子量	28KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,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

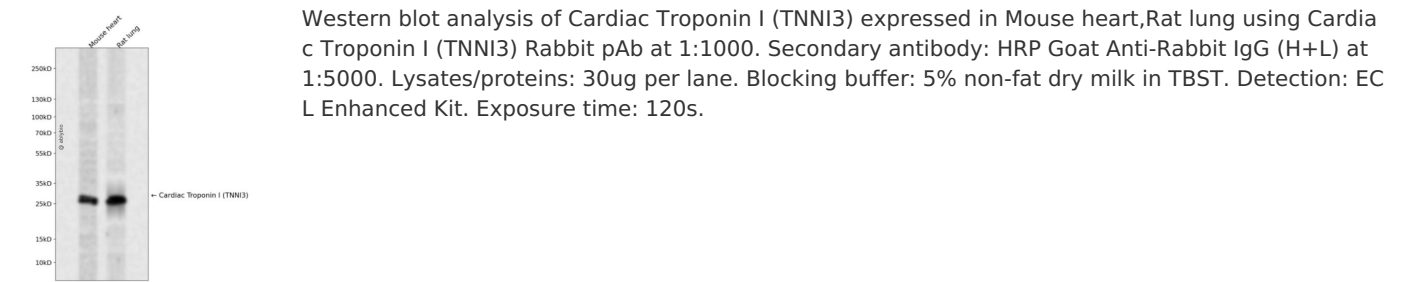
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-210 of human Cardiac Troponin I (TNNI3) (NP_000354.4).
序列	MADGSSDAAREPRPAPAPIRRRSSNYRAYATEPHAKKSKISASRKLQLKTLTLLQIAKQELEREAEERRGEKGRALSTRCQP LELAGLGFAELQDLCRQLHARVDKVDEERYDIEAKVTKNITEIADLTQKIFDLRGKFKRPTLRRVRISADAMMQALLGARAK ESLDLRAHLKQVKKEDTEKENREVGDWWRKNIDALSGMEGRKKKFES

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 troponin complex of the thin filaments of striated muscle. TnI is the inhibitory subunit; blocking actin-myosin interactions 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 and is exclusively expressed in cardiac muscle tissues. Mutations in this gene cause familial hypertrophic cardiomyopathy type 7 (CMH7) and familial restrictive cardiomyopathy (RCM).
基因ID	7137
基因名	TNNI3
Swiss	P19429
别名	TNNI3;CMD1FF;CMD2A;CMH7;RCM1;TNNC1;cTnI;troponin I3

产品验证



实验步骤

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