

CASQ2 Rabbit pAb

货号: AYP20517

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:100 IF/ICC: 1:50 - 1:100
理论分子量	38kDa/46kDa
实测分子量	46kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse heart,Rat heart
细胞定位	Sarcoplasmic reticulum lumen
纯化	Affinity purification

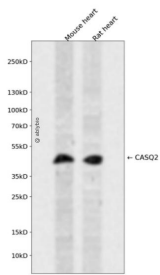
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 20-399 of human CASQ2 (NP_001223.2).
序列	EEGLNFPTYDGKDRVVSLSSEKNFKQVLKKYDLLCLLYHEPVSSDKVTQKQFQLKEIVLELVAQVLEHKAIGFVMVDAKKEA KLAKKLGFDDEEGSLYILKGDRTIEFDGEFAADVLFLLDLIEDPVEIISKLELVQAFERIEDYIKLIGFFKSEDSEYYKAFFEEAA EHFQPYIKFFATFDKGVAKKLSLKMNEVDYEPFMDEPIAIPNKPYTEELVEFVKEHQRPTRLRRLRPEEMFETWEDDLNGIH IVAFAEKSDPDGYEFLEILKQVARDNTDNPDL SILWIDPDDFLLVAYWEKTFKIDLFRPQIGVVNVTADSVWMEIPDDD DLPTAELEDWIEDVLSGKINTEDEDDDDDDNSDEEDNDDSDDDDDDE

靶点信息

研究背景	The protein encoded by this gene specifies the cardiac muscle family member of the calsequestrin family. Calsequestrin is localized to the sarcoplasmic reticulum in cardiac and slow skeletal muscle cells. The protein is a calcium binding protein that stores calcium for muscle function. Mutations in this gene cause stress-induced polymorphic ventricular tachycardia, also referred to as catecholaminergic polymorphic ventricular tachycardia 2 (CPVT2), a disease characterized by bidirectional ventricular tachycardia that may lead to cardiac arrest.
基因ID	845
基因名	CASQ2
Swiss	O14958
别名	CASQ2;PDIB2

产品验证



Western blot analysis of CASQ2 expressed in Mouse heart, Rat heart using CASQ2 Rabbit pAb 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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