

CASQ2 Antibody (Center)

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| Catalog_no : | AB1993 |
| Applications : | WB |
| Reactivity : | H |
| Category : | 抗原抗体 |
| Size : | 100μL/50μL |
| Immunogen : | HUMAN:79-107 |
| Specificity : | This CASQ2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 79-107 amino acids from the Central region of human CASQ2. |
| Dilution : | WB,1:1000; |
| Purification : | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Other_name : | Calsequestrin-2, Calsequestrin, cardiac muscle isoform, CASQ2 |
| Isotype : | Rabbit Ig |
| Background : | 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. [provided by RefSeq]. |
| reference : | Kirchhefer, U., et al. J. Mol. Cell. Cardiol. 49(1):95-105(2010) Wong, C.H., et al. Forensic Sci. Int. 192 (1-3), 53-55 (2009) : Liu, J., et al. Am. J. Physiol., Cell Physiol. 297 (1), C152-C159 (2009) : Hayashi, M., et al. Circulation 119(18):2426-2 |