

anti- CASQ2 antibody

Product Information

Catalog No.:	FNab01299
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Calsequestrin is a high-capacity, moderate affinity, calcium-binding protein and thus acts as an internal calcium store in muscle. Calcium ions are bound by clusters of acidic residues at the protein surface, especially at the interface between subunits. Can bind around 60 Ca(2+) ions. Regulates the release of luminalCa(2+) via the calcium release channel RYR2; this plays an important role in triggering muscle contraction. Plays a role in excitation-contraction coupling in the heart and in regulating the rate of heart beats.

Immunogen information

Immunogen:	calsequestrin 2(cardiac muscle)
Synonyms:	None
Observed MW:	55 kDa
UniprotID :	O14958

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC

Wuhan Fine Biotech Co., Ltd.

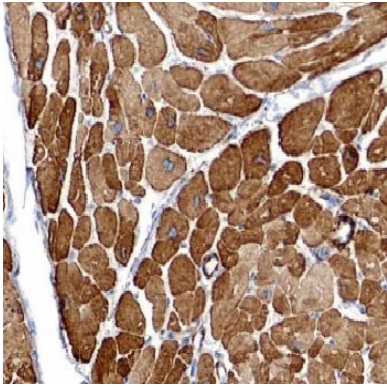
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Tel : (0086)027-87384275

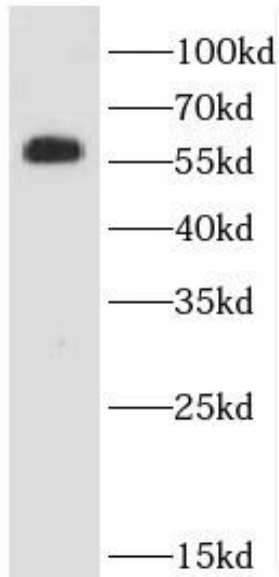
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Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human heart tissue slide using FNab01299(CASQ2 Antibody) at dilution of 1:200



human heart tissue were subjected to SDS PAGE followed by western blot with FNab01299(CASQ2 antibody) at dilution of 1:500

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