

anti- MYL2 antibody

Product Information

Catalog No.:	FNab05486
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

Contractile protein that plays a role in heart development and function(By similarity). Following phosphorylation, plays a role in cross-bridge cycling kinetics and cardiac muscle contraction by increasing myosin lever arm stiffness and promoting myosin head diffusion; as a consequence of the increase in maximum contraction force and calcium sensitivity of contraction force. These events altogether slow down myosin kinetics and prolong duty cycle resulting in accumulated myosins being cooperatively recruited to actin binding sites to sustain thin filament activation as a means to fine-tune myofilament calcium sensitivity to force(By similarity). During cardiogenesis plays an early role in cardiac contractility by promoting cardiac myofibril assembly(By similarity).

Immunogen information

Immunogen:	myosin, light chain 2, regulatory, cardiac, slow
Synonyms:	MLC2
Observed MW:	18-20 kDa
UniprotID :	P10916

Application

1

Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve.East Lake High-Tech Development Zone.Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

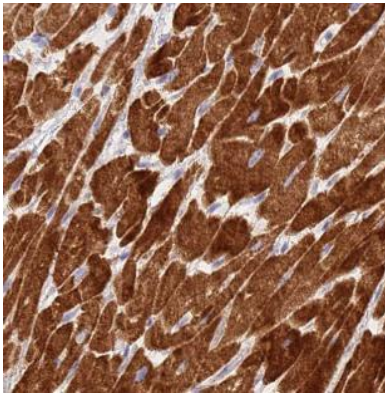
Fax: (0086)027-87800889 www.fn-test.com

Reactivity: Human, Mouse, Rat

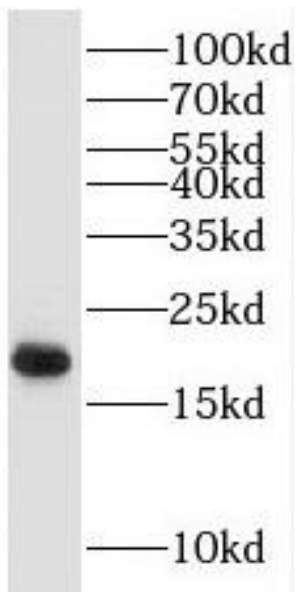
Tested Application: ELISA, IHC, WB

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

Image:



Immunohistochemistry of paraffin-embedded human heart tissue slide using FNab05486(MYL2 Antibody) at dilution of 1:50



rat heart tissue were subjected to SDS PAGE followed by western blot with FNab05486(MYL2 Antibody) at dilution of 1:5000

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