

anti- AMPK alpha 2 antibody

Product Information

Catalog No.:	FNab00376
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

PRKAA2 (protein kinase, AMP-activated, alpha 2 catalytic subunit), also named as AMPKA2, AMPK, PRKAA, AMPK2, belongs to the CAMK Ser/Thr protein kinase family and SNF1 subfamily. PRKAA2 is an $\alpha\beta\gamma$ heterotrimer that is activated by low cellular energy status, such as decreases in both the ATP/AMP ratio and the phosphocreatine content and it is a glycogen synthase kinase, phosphorylating Ser7 at the NH2 terminus, which decreases glycogen synthase activity (PMID:14532170). The protein can be ubiquitinated (PMID:21224036).

Immunogen information

Immunogen:	protein kinase, AMP-activated, alpha 2 catalytic subunit
Synonyms:	AMPK, AMPK alpha 2, AMPK subunit alpha 2, AMPK2, PRKAA, PRKAA2
Observed MW:	62 kDa
UniprotID :	P54646

Application

Reactivity:	Human, Mouse, Rat
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Wuhan Fine Biotech Co., Ltd.

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

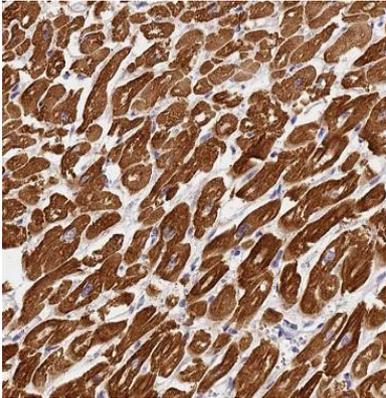
Tel : (0086)027-87384275

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

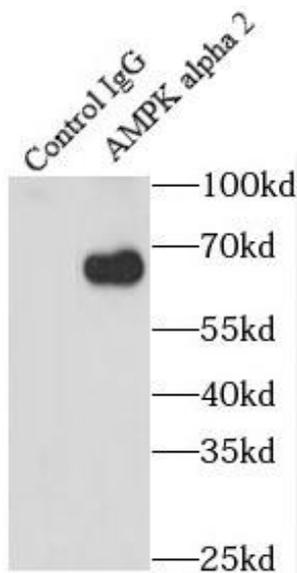
Tested Application: ELISA, WB, IF, IHC, IP

Recommended dilution: WB: 1:1000-1:10000; IHC: 1:20-1:200; IF: 1:10-1:100; IP:1:500-1:5000

Image:



Immunohistochemistry of paraffin-embedded human skeletal muscle tissue slide using FNab00376(AMPK alpha 2 Antibody) at dilution of 1:50



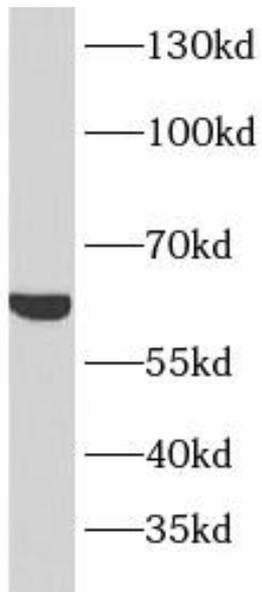
IP Result of anti-AMPK alpha 2 (IP:FNab00376, 4ug; Detection:FNab00376 1:1000) with mouse skeletal muscle tissue lysate 3600ug.

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human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with FNab00376(PRKAA2 antibody) at dilution of 1:500

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