ATP5ME antibody

Product Information

Catalog No.:	FNab00710
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℃ for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Mitochondrial membrane ATP synthase(F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1)-containing the extramembraneous catalytic core, and F(0)-containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F(0) domain. Minor subunit located with subunit a in the membrane.

Immunogen information

Immunogen:	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit E
Synonyms:	ATP synthase subunit e, mitochondrial (ATPase subunit e)|ATP synthase membrane subunit e|ATP synthase subunit e, mitochondrial, N-terminally processed|ATP5ME|ATP5I|ATP5K
Observed MW:	8 kDa
Uniprot ID :	P56385

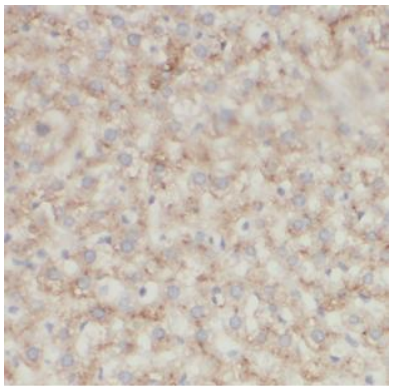
Application

Reactivity:	Human, Mouse, Rat

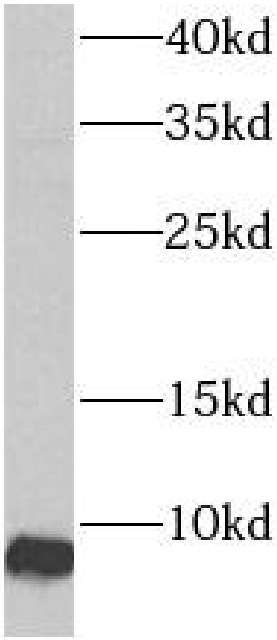
Tested Application: ELISA, WB, IHC

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

Image:



Immunohistochemistry of paraffin-embedded human liver using FNab00710(ATP5I antibody) at dilution of 1:50



human liver tissue were subjected to SDS PAGE followed by western blot with FNab00710(ATP5I antibody) at dilution of 1:300