

## ATP5PB antibody

### Product Information

Catalog No.:	FNab00707
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

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 and the peripheral stalk, which acts as a stator to hold the catalytic alpha(3)beta(3) subcomplex and subunit a/ATP6 static relative to the rotary elements.

### Immunogen information

Immunogen:	ATP synthase, H <sup>+</sup> transporting, mitochondrial F0 complex, subunit B1
Synonyms:	ATP synthase F(0) complex subunit B1, mitochondrial ATP synthase peripheral stalk-membrane subunit b ATP synthase proton-transporting mitochondrial F(0) complex subunit B1 ATP synthase subunit b (ATPase subunit b) ATP5PB ATP5F1
Observed MW:	25 kDa
Uniprot ID :	P24539

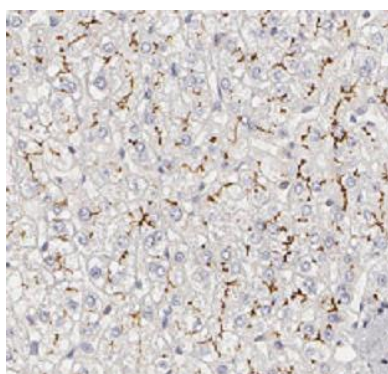
### Application

Reactivity: Human, Mouse, Rat

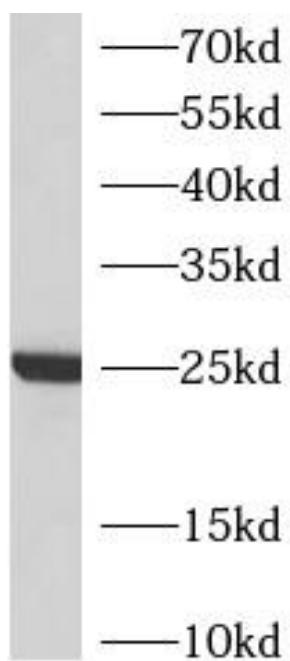
Tested Application: ELISA, WB, IHC, IF

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

Image:



Immunohistochemistry of paraffin-embedded human liver tissue slide using FNab00707(ATP5F1 Antibody) at dilution of 1:200



mouse liver tissue were subjected to SDS PAGE followed by western blot with FNab00707(ATP5F1 antibody) at dilution of 1:1000