

## COX5B antibody

### Product Information

Catalog No.:	FNab01901
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

Cytochrome C oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-subunit enzyme complex that couples the transfer of electrons from cytochrome c to molecular oxygen and contributes to a proton electrochemical gradient across the inner mitochondrial membrane. The complex consists of 13 mitochondrial- and nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer and proton pumping activities. The functions of the nuclear-encoded subunits are unknown but they may play a role in the regulation and assembly of the complex. This gene encodes the nuclear-encoded subunit Vb of the human mitochondrial respiratory chain enzyme.

### Immunogen information

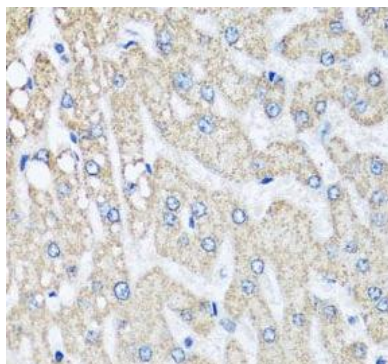
Immunogen:	cytochrome c oxidase subunit Vb
Synonyms:	Cytochrome c oxidase subunit 5B, mitochondrial Cytochrome c oxidase polypeptide Vb COX5B
Observed MW:	14 kDa
Uniprot ID :	P10606

### Application

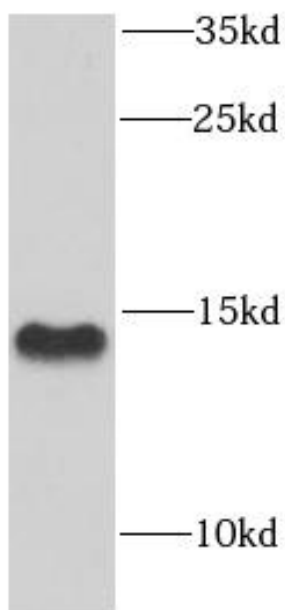
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded human liver injury using FNab01901(COX5B antibody) at dilution of 1:50



mouse liver tissue were subjected to SDS PAGE followed by western blot with FNab01901(COX5B antibody) at dilution of 1:1000