

anti- COX5A antibody

Product Information

Catalog No.:	FNab01900
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 of 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 Va of the human mitochondrial respiratory chain enzyme. A pseudogene COX5AP1 has been found in chromosome 14q22.

Immunogen information

Immunogen:	cytochrome c oxidase subunit Va
Synonyms:	COX5A, COX, COX-VA, VA, cytochrome c oxidase subunit 5A
Observed MW:	15 kDa
Uniprot ID :	P20674

Application

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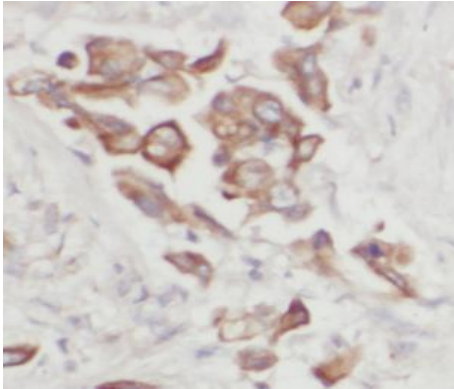
www.fn-test.com

Reactivity: Human, Mouse, Rat

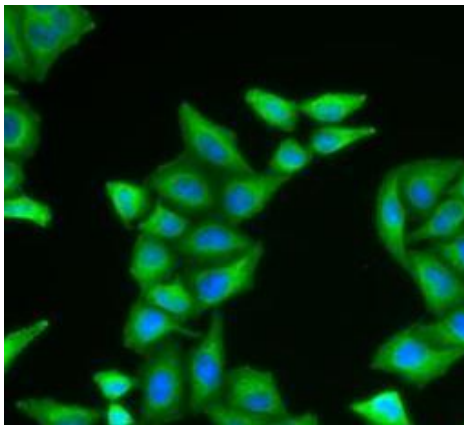
Tested Application: ELISA, IHC, WB, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:100; IF: 1:10 - 1:100

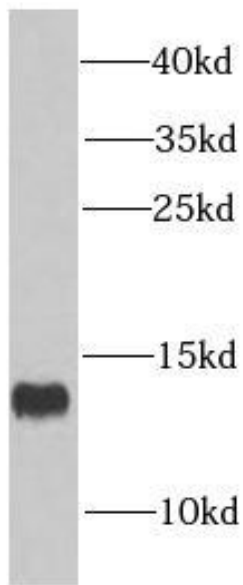
Image:



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using FNab01900(COX5A Antibody) at dilution of 1:100



Immunofluorescence analysis of HeLa cells using FNab01900(COX5A antibody) at dilution of 1:50



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab01900(COX5A Antibody) at dilution of 1:1000