



COX5b Polyclonal Antibody

Cat No: HR1AP5880

For research use only

Overview

Product Name	COX5b Polyclonal Antibody
Source	Rabbit
Applications	IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	kDa
GenID?Human?	COX5B
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	COX5B; Cytochrome c oxidase subunit 5B; mitochondrial; Cytochrome c oxidase polypeptide Vb
Background	cytochrome c oxidase subunit 5B(COX5B) Homo sapiens 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. [provided by RefSeq, Jul 2008],