

# COX5a Polyclonal Antibody

Cat No: HR1AP9140

For research use only

## Overview

Product Name	COX5a Polyclonal Antibody
Source	Rabbit
Applications	WB,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	17kDa
GeneID?Human?	COX5A
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	COX5A; Cytochrome c oxidase subunit 5A; mitochondrial; Cytochrome c oxidase polypeptide Va
Background	<p>cytochrome c oxidase subunit 5A(COX5A) 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 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. [provided by RefSeq, Jul 2008],</p>