

# COX6c Polyclonal Antibody

Cat No: HR1AP3147

For research use only

## Overview

Product Name	COX6c Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	32kDa
GeneID?Human?	COX6C
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	COX6C; Cytochrome c oxidase subunit 6C; Cytochrome c oxidase polypeptide VIc
Background	<p>cytochrome c oxidase subunit 6C(COX6C) Homo sapiens Cytochrome c oxidase, the terminal enzyme of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. It is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may be involved in the regulation and assembly of the complex. This nuclear gene encodes subunit VIc, which has 77% amino acid sequence identity with mouse subunit VIc. This gene is up-regulated in prostate cancer cells. A pseudogene has been found on chromosomes 16p12. [provided by RefSeq, Jul 2010],</p>