

Cytochrome C Oxidase subunit Vic Rabbit pAb

db7528

Package : 20µL 50µL 100µL

Product Name : Cytochrome C Oxidase subunit Vic Rabbit pAb**Cat.No.:** db7528**Synonyms** : COX6C; Cytochrome c oxidase subunit 6C**Application** : WB, IHC**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

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]

Immunogen

A synthetic peptide of human Cytochrome C Oxidase subunit Vic

Gene ID

1345

Swiss Prot

P09669

Synonyms

COX6C; Cytochrome c oxidase subunit 6C

Reactivity

Human, Mouse, Rat

Application

WB, IHC

Recommended dilution

WB: 1:1000

IHC: 1:20

Calculated MW

9 kDa

Observed MW

12 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.