Leader in Biomolecular Solutions for Life Science

www.abclonal.com

COX6C Rabbit pAb

Catalog No.: A16250

Basic Information

Observed MW
Refer to figures

Calculated MW
9kDa

Category
Primary antibody

Applications
ELISA,WB,IF/ICC

Cross-Reactivity
Mouse

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.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
1345

Swiss Prot
P09669

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 1-75 of human COX6C (NP_004365.1).

Synonyms
COX6C

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

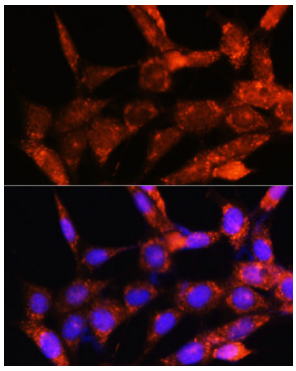
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of NIH/3T3 cells using COX6C Rabbit pAb (A16250) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.