

COX6c (R40) polyclonal antibody

Catalog: BS65100

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

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],

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

~ 32 kDa

Swiss-Prot:

P09669

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications:

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

Storage&Stability:

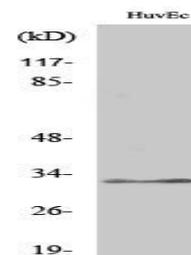
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

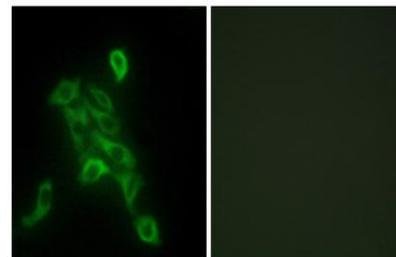
COX6c Polyclonal Antibody detects endogenous levels of

COX6c protein.

DATA:

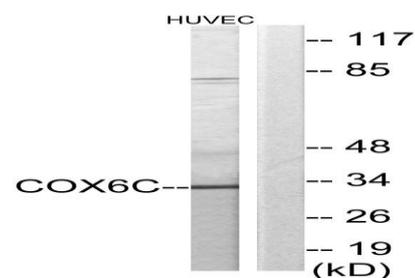


Western Blot analysis of various cells using COX6c Polyclonal Antibody



Immunofluorescence analysis of HepG2 cells, using COX6C Antibody.

The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, using COX6C Antibody. The lane on the right is blocked with the synthesized peptide.

Note:

For research use only, not for use in diagnostic procedure.

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