COX6C Polyclonal Antibody

catalog number: E-AB-17879

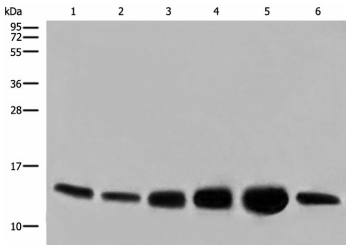
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Synthetic peptide of human COX6C
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:25-1:100

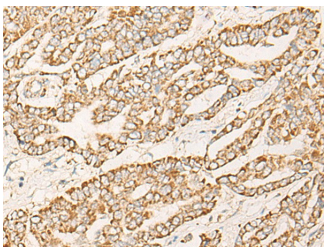
Data



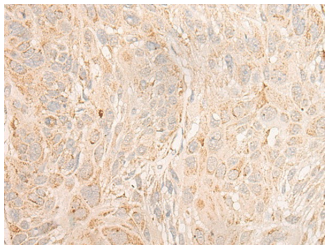
Western blot analysis of HEPG2 HUVEC and NIH/3T3 cell Human heart tissue Mouse heart tissue PC-3 cell lysates using COX6C Polyclonal Antibody at dilution of 1:800

Observed-MV:Refer to figures

Calculated-MV:9 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using COX6C Polyclonal Antibody at dilution of 1:25(×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using COX6C Polyclonal Antibody at dilution of 1:25(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

For Research Use Only

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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.

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