Datasheet for ABIN7244789

anti-COX6C antibody

3 Images

Go to Product page

Overview

Quantity:	200 µL
Target:	COX6C
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX6C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human COX6C
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	COX6C
Alternative Name:	COX6C (COX6C Products)
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

Target Details

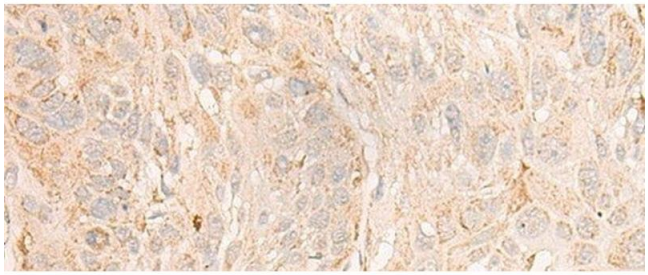
	transfer, and the nuclear-encoded subunits may be involved in the regulation and assembly of the complex. This nuclear gene encodes subunit VIc, which has 77 % amino acid sequence identity with mouse subunit VIc. This gene is up-regulated in prostate cancer cells. A pseudogene has been found on chromosomes 16p12.
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 9 kDa
UniProt:	P09669
Pathways:	Proton Transport

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:25-1:100, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

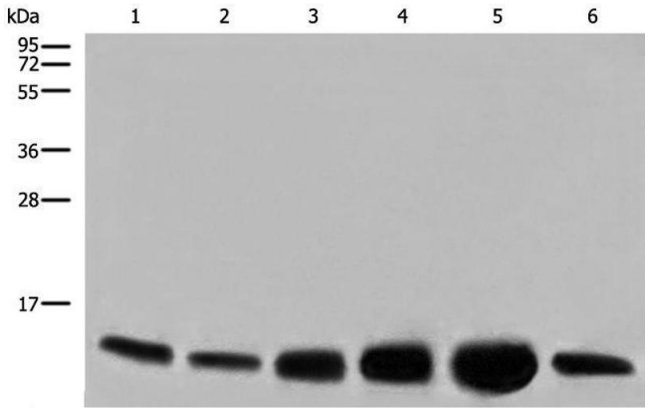
Handling

Format:	Liquid
Concentration:	0.7 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



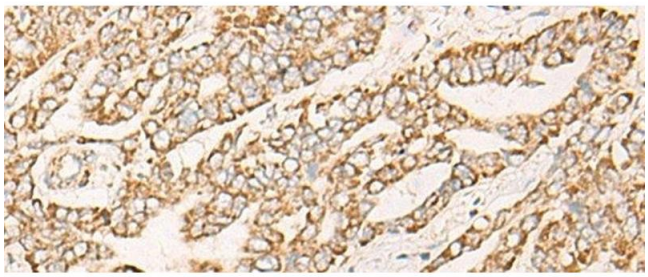
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using COX6C Polyclonal Antibody at dilution of 1:25(x200)



Western Blotting

Image 2. 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



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using COX6C Polyclonal Antibody at dilution of 1:25(x200)

