

Datasheet for ABIN7266643
anti-COX6C antibody (AA 1-75)



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Overview

Quantity:	100 µL
Target:	COX6C
Binding Specificity:	AA 1-75
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX6C antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	COX6C Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-75 of human COX6C (NP_004365.1).
Sequence:	MAPEVLPKPR MRGLLARLR NHMAVAFVLS LGVAALYKFR VADQRKKAYA DFYRNYDVMK DFEEMRKAGI FQSVK
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	COX6C
Alternative Name:	COX6C (COX6C Products)
Background:	<p>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.,COX6C,Cancer,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Cytochromes,Mitochondrial markers,Oxidative phosphorylation,Neuroscience,Neurodegenerative Diseases,COX6C</p>
Molecular Weight:	8kDa
Gene ID:	1345
UniProt:	P09669
Pathways:	Proton Transport

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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.