



COX6c Monoclonal Antibody

Catalog No	YP-mAb-02548
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	COX6C
Immunogen	The antiserum was produced against synthesized peptide derived from human COX6C. AA range:11-60
Specificity	COX6c Monoclonal Antibody detects endogenous levels of COX6c protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	COX6c;Cytochrome c oxidase subunit 6C;Cytochrome c oxidase polypeptide VIc
Observed Band	32kD
Calculated Molecular Weight	32kD
Cell Pathway	Mitochondrion inner membrane ; Single-pass membrane protein .
Tissue Specificity	Eye,
Function	function:This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport., similarity:Belongs to the cytochrome c oxidase subunit 6c family.,
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. [provided by RefSeq, Jul 2010],

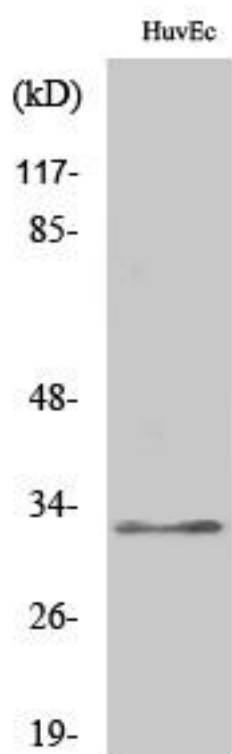
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using COX6c Monoclonal Antibody