

COXIV Recombinant antibody

Cat:B31009T

Company: HaoKebio

Uniprot ID:P13073

Applications: IHC:1:300-1:1000

Organism:Rabbit

IHC-Polymer:1:1200-1:4000

Species reactivity:Human Mouse Rat

IHC-TSA:1:1500-1:5000

Molecular Weight Calculation: 19.6 kDa

IF:1:50

Observed Molecular Weight: 17-18 kDa

WB:1:2500-1:25000

Background:

COX4I1, also named as COX4 and COXIV-1, belongs to the cytochrome c oxidase IV family. It is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport. COX4I1 is a marker for mitochondria. It has two isoforms (isoform 1 and 2). Isoform 1(COX4I1) is ubiquitously expressed and isoform 2 is highly expressed in lung tissues.

Protein full name:

cytochrome c oxidase subunit IV isoform 1

Synonyms:

COX4I1, 3K20, COX IV-1, COX4, Cytochrome c oxidase subunit 4 isoform 1, mitochondrial

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Mitochondrion

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

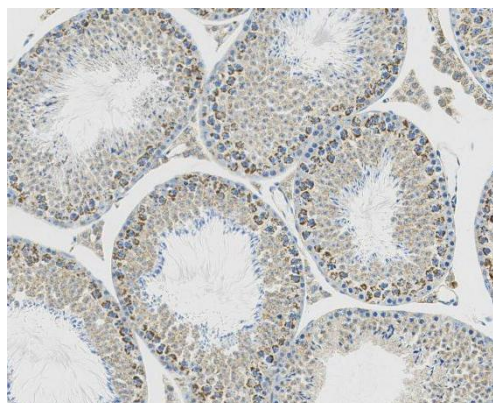
Storage:

Store at -20 °C for one year.

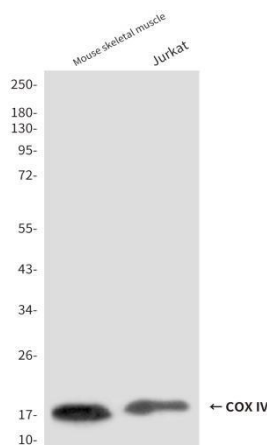
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 6.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse testis, 4% PFA 12-24h



Dilution of 1:25000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:COXIV(B31009T)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:COXIV(B31009T) were
kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.