

# COXIV antibody



Catalog Number: 109503

## Product name

COXIV antibody

## Specificity

Human, Mouse, Rat; other species not tested.

## Antibody description

COXIV Rabbit Polyclonal antibody. Positive WB detected in MCF7 cells, A375 cells, A431 cells, A549 cells, HEK-293 cells, HeLa cells, HepG2 cells, human brain tissue, human lung tissue, human skeletal muscle tissue, human skin tissue, human spleen tissue, Jurkat cells, L02 cells, mouse brain tissue, mouse heart tissue, mouse liver tissue, mouse skeletal muscle tissue, NIH/3T3 cells, rat brain tissue, rat liver tissue. Positive IP detected in mouse skeletal muscle tissue. Positive FC detected in HepG2 cells. Positive IHC detected in human prostate cancer tissue, human heart tissue, human pancreas tissue. Positive IF detected in HepG2 cells. Observed molecular weight by Western-blot: 17-18kd

## Preparation

This antibody was obtained by immunization of COXIV recombinant protein (Accession Number: XM\_047433623). Purification method: Antigen affinity purified.

## Formulation

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

## Storage

Store at -20°C. DO NOT ALIQUOT

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

ELISA, WB, IHC, IF, IP, FC

## Dilutions

Recommended Dilution:

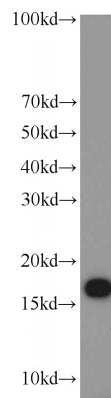
WB: 1:500-1:5000

IP: 1:500-1:5000

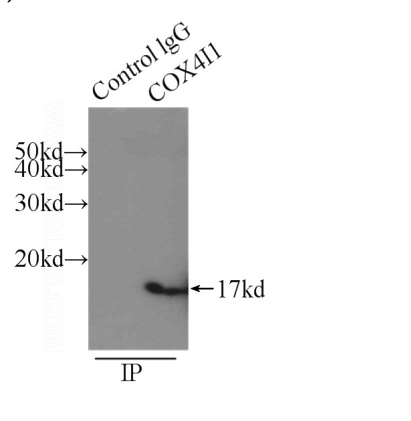
IHC: 1:20-1:200

IF: 1:20-1:200

## Validations



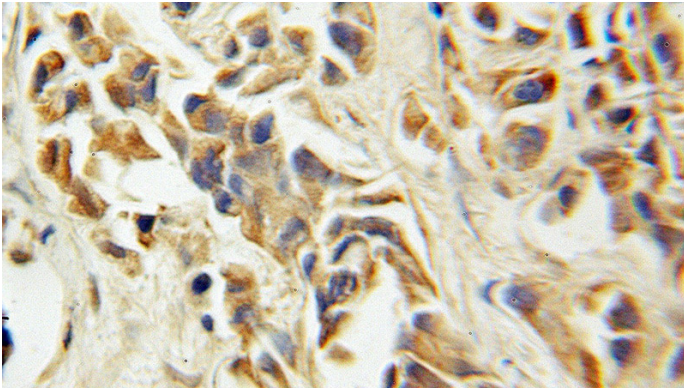
MCF7 cells were subjected to SDS PAGE followed by western blot with Catalog No:117310(COXIV antibody) at dilution of 1:1000



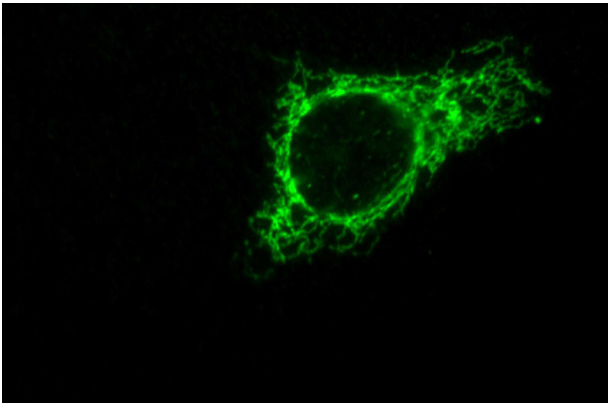
IP Result of anti-COXIV (IP:Catalog No:117310, 3ug; Detection:Catalog No:117310 1:1000) with mouse skeletal muscle tissue lysate 3500ug.

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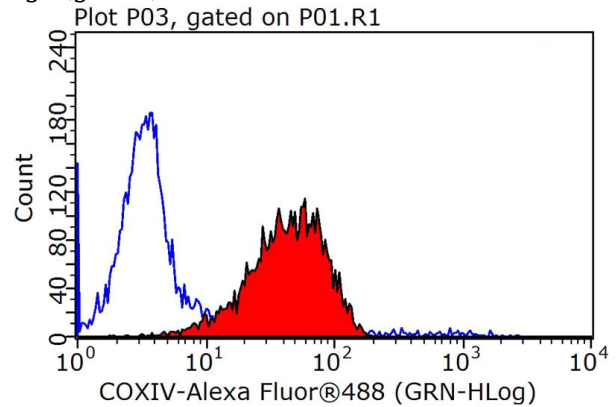
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Immunohistochemical of paraffin-embedded human prostate cancer using Catalog No:117310(COXIV antibody) at dilution of 1:100 (under 10x lens)



Immunofluorescent analysis of HepG2 cells, using COX4I1 antibody Catalog No:117310 at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG(green).



1X10<sup>6</sup> HepG2 cells were stained with .2ug COXIV antibody (Catalog No:117310, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.