

Datasheet for ABIN1534368  
**anti-COX4I2 antibody (AA 31-80)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	COX4I2
Binding Specificity:	AA 31-80
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX4I2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human COX42.
Isotype:	IgG
Specificity:	COX42 Antibody detects endogenous levels of total COX42 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

## Target Details

Target:	COX4I2
Alternative Name:	COX42 ( <a href="#">COX4I2 Products</a> )
Background:	Synonyms: Cytochrome c oxidase subunit 4 isoform 2, mitochondrial, COX IV-2, COX4L2,

## Target Details

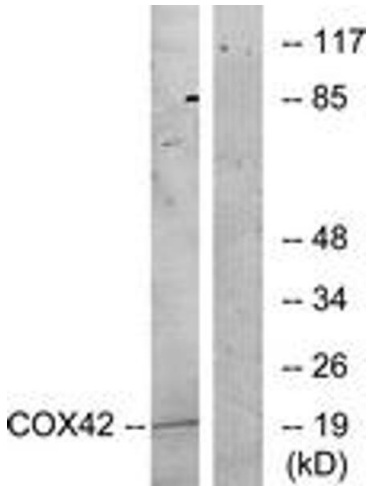
	COX42
	NCBI Gene Symbol: COX4I2
Molecular Weight:	20 kDa
Gene ID:	84701
OMIM:	607976
UniProt:	<a href="#">Q96KJ9</a>
Pathways:	<a href="#">Proton Transport</a>

## Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.277101 (NCBI Gene Symbol: COX4I2)
Restrictions:	For Research Use only

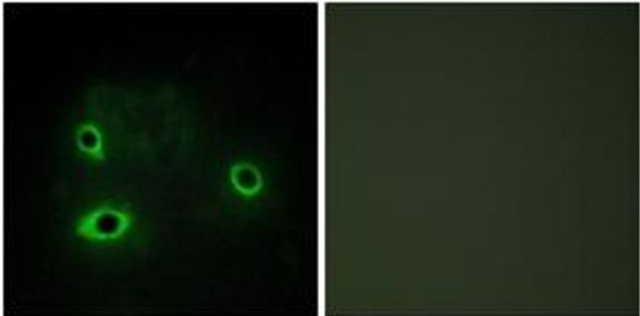
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



#### Western Blotting

**Image 1.** Western blot analysis of extracts from K562 cells, treated with insulin 0.01U/ml 15', using COX42 Antibody. The lane on the right is treated with the synthesized peptide.



#### Immunofluorescence

**Image 2.** Immunofluorescence analysis of COS7 cells, using COX42 Antibody. The picture on the right is treated with the synthesized peptide.