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anti-COX4I2 antibody (AA 31-80)

2 Images



Overview

Quantity:	100 μL
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 (COX4I2 Products)
Background:	Synonyms: Cytochrome c oxidase subunit 4 isoform 2, mitochondrial, COX IV-2, COX4L2,

Target Details

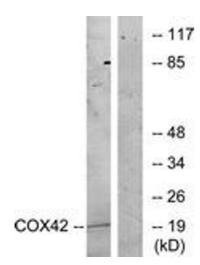
	COX42 NCBI Gene Symbol: COX4I2
Molecular Weight:	20 kDa
Gene ID:	84701
OMIM:	607976
UniProt:	Q96KJ9
Pathways:	Proton Transport

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

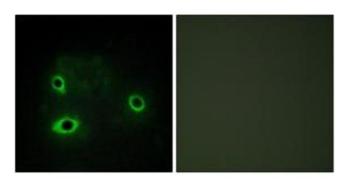
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), 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.