

Datasheet for ABIN7184436
anti-COX IV antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	COX IV (COX4I1)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX IV antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Synthesized peptide derived from N-terminal of Human COX41.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	COX IV (COX4I1)
Alternative Name:	COX4I1 (COX4I1 Products)
Background:	Background: This protein is one of the nuclear-coded polypeptide chains of cytochrome c

Target Details

oxidase, the terminal oxidase in mitochondrial electron transport.

Lomax M.I., Gene 86:209-216(1990).

Bachman N.J., Mamm. Genome 10:506-512(1999).

van Kuilenburg A.B.P., chim. Biophys. Acta 1119:218-224(1992).

Aliases: AL024441 antibody, COX 4 antibody, COX IV 1 antibody, COX IV antibody, COX IV-1 antibody, Cox4 antibody, COX41_HUMAN antibody, Cox4a antibody, COX4B antibody, COX4I1 antibody, COX4I2 antibody, COX4L2 antibody, COXIV antibody, Cytochrome c oxidase polypeptide IV antibody, Cytochrome c oxidase subunit 4 isoform 1 mitochondrial antibody, Cytochrome c oxidase subunit 4 isoform 1, mitochondrial antibody, Cytochrome C Oxidase subunit IV antibody, Cytochrome c oxidase subunit IV isoform 1 antibody, Cytochrome c oxidase subunit IV isoform 2 (lung) antibody, Cytochrome c oxydase subunit 4 antibody, dJ857M17.2 antibody, MGC105470 antibody, MGC72016 antibody

UniProt: [P13073](#)

Pathways: [Proton Transport](#)

Application Details

Application Notes: WB:1:500-1:3000, IHC:1:50-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

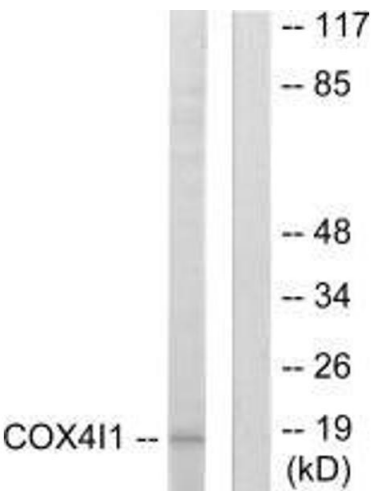
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

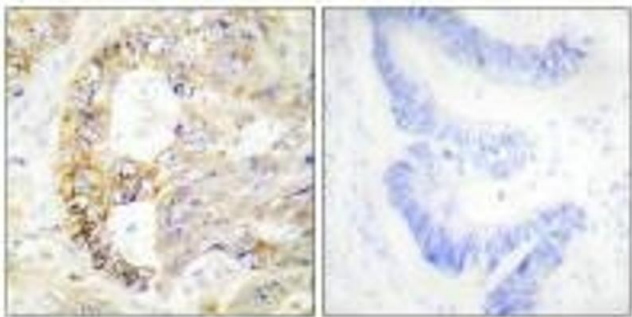
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from A549 cells, using COX41 antibody.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using COX41 antibody.