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Datasheet for ABIN7303608 anti-COX4I2 antibody

3 Images



Overview

Quantity:	100 μL
Target:	COX4I2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX4I2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human COX4-2.
Specificity:	Recognizes endogenous levels of COX4-2 protein.
Characteristics:	Rabbit polyclonal antibody to COX4-2
Purification:	The antibody was purified by affinity chromatography.

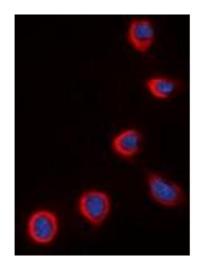
Target Details

Target:	COX4I2
Alternative Name:	COX4-2 (COX4I2 Products)
Background:	COX4L2, Cytochrome c oxidase subunit 4 isoform 2, mitochondrial, Cytochrome c oxidase
	subunit IV isoform 2, COX IV-2

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Target Details	
Gene ID:	84701, 84682, 84683
UniProt:	Q96KJ9, Q91W29, Q91Y94
Pathways:	Proton Transport
Application Details	
Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Format: Buffer:	Liquid Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Buffer: Preservative:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
Buffer: Preservative: Precaution of Use:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

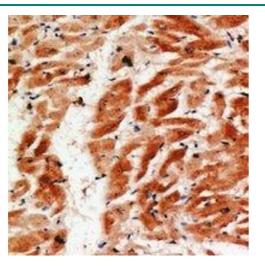
Images

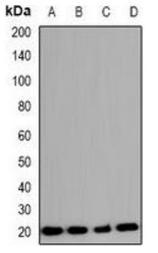


Immunofluorescence

Image 1. Immunofluorescent analysis of COX4-2 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody

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Immunohistochemistry

Image 2. Immunohistochemical analysis of COX4-2 staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the

Western Blotting

Image 3. Western blot analysis of COX4-2 expression in A549 (A), K562 (B), mouse lung (C), rat lung (D) whole cell lysates.

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