

Anti-COX4I2 antibody ab70112

6 References [2 图像](#)

概述

产品名称	Anti-COX4I2抗体
描述	兔多克隆抗体to COX4I2
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human, African green monkey
免疫原	Synthetic peptide corresponding to Human COX4I2 aa 31-80 (internal sequence). Database link: Q96KJ9
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS</p>
纯度	Without Mg ²⁺ and Ca ²⁺
纯化说明	Immunogen affinity purified
克隆	ab70112 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab70112于以下的经测试应用

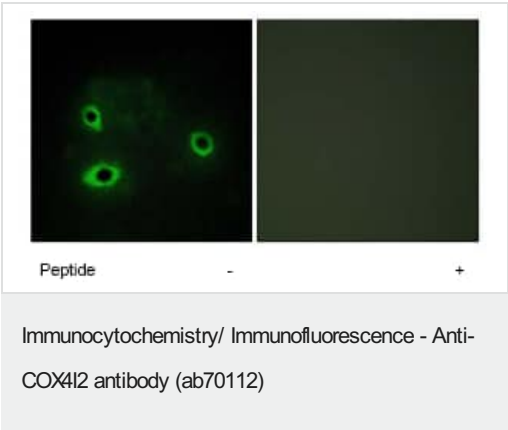
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 20 kDa (predicted molecular weight: 20 kDa).
ICC/IF		1/500 - 1/1000.

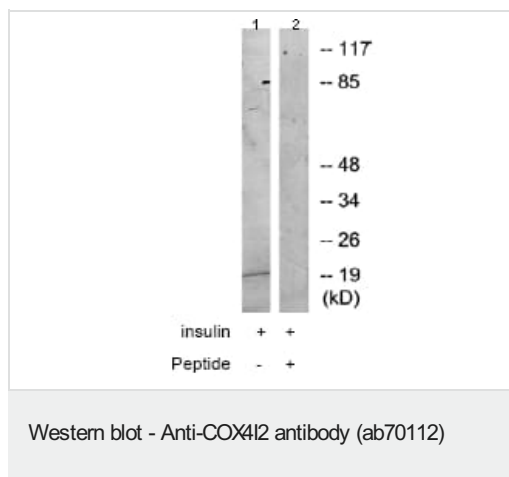
靶标

功能	This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.
组织特异性	Highly expressed in lung.
疾病相关	Defects in COX4I2 are the cause of exocrine pancreatic insufficiency dyserythropoietic anemia and calvarial hyperostosis (EPIDACH) [MIM:612714]. Patients present with pancreatic insufficiency, intestinal malabsorption, failure to thrive, and anemia soon after birth.
序列相似性	Belongs to the cytochrome c oxidase IV family.
细胞定位	Mitochondrion inner membrane.

图片



ab70112 at 1/500 dilution staining COX4I2 in COS7 cells by Immunofluorescence, in the absence or presence of the immunising peptide.



All lanes : Anti-COX4I2 antibody (ab70112) at 1/500 dilution

Lane 1 : K562 cell extracts treated with insulin (0.01U/ml, 15mins)

Lane 2 : K562 cell extracts treated with insulin (0.01U/ml, 15mins) with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 20 kDa

Observed band size: 20 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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