

Datasheet for ABIN7149162
anti-COX IV antibody (Isoform 1)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	COX IV (COX4I1)
Binding Specificity:	AA 23-169, Isoform 1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX IV antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Cytochrome c oxidase subunit 4 isoform 1, mitochondrial protein (23-169AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat, Zebrafish (Danio rerio)
Purification:	>95%, Protein G purified

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.

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: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

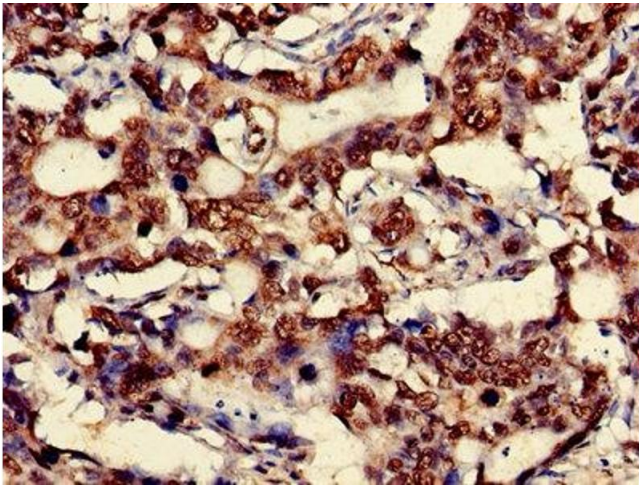
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

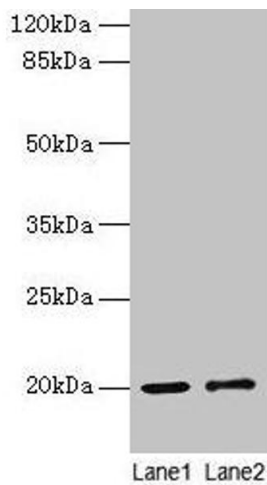
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7149162 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: COX4I1 antibody at 10 μ g/mL Lane 1: Rat muscle tissue Lane 2: Zebrafish lysate
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 20 kDa Observed band size: 20 kDa