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Datasheet for ABIN7149155

**anti-COX1 antibody (AA 474-513) (Biotin)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg                                     |
| Target:              | COX1                                       |
| Binding Specificity: | AA 474-513                                 |
| Reactivity:          | Human                                      |
| Host:                | Rabbit                                     |
| Clonality:           | Polyclonal                                 |
| Conjugate:           | This COX1 antibody is conjugated to Biotin |
| Application:         | ELISA                                      |

## Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant Human Cytochrome c oxidase subunit 1 protein (474-513AA) |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | >95%, Protein G purified   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | COX1  |
| Alternative Name: | MT-CO1 ( <a href="#">COX1 Products</a> )  |
| Background:       | Background: Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. Subunits 1-3 form the functional core of the enzyme complex. CO |

## Target Details

I is the catalytic subunit of the enzyme. Electrons originating in cytochrome c are transferred via the copper A center of subunit 2 and heme A of subunit 1 to the bimetallic center formed by heme A3 and copper B.

Aliases: COI antibody, COX I antibody, COX1 antibody, COX1\_HUMAN antibody, COXI antibody, Cytochrome c oxidase polypeptide I antibody, Cytochrome c oxidase subunit 1 antibody, Cytochrome C Oxidase subunit I antibody, Mitochondrially encoded cytochrome c oxidase I antibody, MT CO1 antibody, MT-CO1 antibody, MTCO 1 antibody, MTCO1 antibody

UniProt: [P00395](#)

Pathways: [Proton Transport](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.