

Datasheet for ABIN7264958

**anti-COX3 antibody****1** Image[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	COX3 (COX-3)
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	A synthetic peptide of mouse MT-CO3 (NP_904334.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	COX3 (COX-3)
Alternative Name:	MT-CO3 ( <a href="#">COX-3 Products</a> )
Background:	MT-CO3 (Mitochondrially Encoded Cytochrome C Oxidase III) is a Protein Coding gene. Diseases associated with MT-CO3 include Mitochondrial Complex Iv Deficiency and Mitochondrial Myopathy, Infantile, Transient. Among its related pathways are Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by

## Target Details

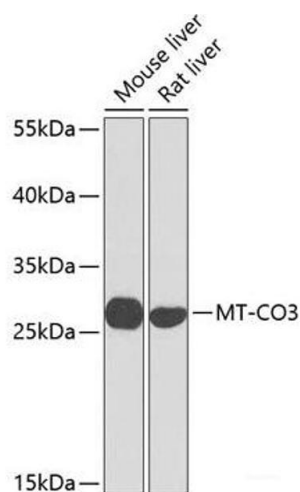
	uncoupling proteins. and Cardiac muscle contraction. Gene Ontology (GO) annotations related to this gene include cytochrome-c oxidase activity and heme-copper terminal oxidase activity.
Molecular Weight:	Observed_MW: 30 kDa Calculated_MW: 29 kDa
Gene ID:	17710
UniProt:	<a href="#">P00416</a>

## Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines using MT-CO3 Polyclonal Antibody at dilution of 1:1000.