

Datasheet for ABIN2790102  
**anti-COX7C antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	COX7C
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX7C antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	SVVRRSHYEE GPGKNLPFSV ENKWSLLAKM CLYFGSAFAT PFLVVRHQLL
Predicted Reactivity:	Cow: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against COX7C. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	COX7C
Alternative Name:	COX7C ( <a href="#">COX7C Products</a> )
Background:	Cytochrome c oxidase (COX), the terminal component of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. This component is a

## Target Details

heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes subunit VIIc, which shares 87 % and 85 % amino acid sequence identity with mouse and bovine COX VIIc, respectively, and is found in all tissues. A pseudogene COX7CP1 has been found on chromosome 13.

Alias Symbols: -

Protein Interaction Partner: MDM2, UBC,

Protein Size: 63

Molecular Weight: 5 kDa

Gene ID: 1350

NCBI Accession: [NM\\_001867](#), [NP\\_001858](#)

UniProt: [P15954](#)

## Application Details

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

Comment: Antigen size: 63 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

Handling

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aliquots to prevent freeze-thaw cycles.

Images

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**Western Blotting**

**Image 1.**