

Datasheet for ABIN6260996  
**anti-COX7B antibody (Internal Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	COX7B
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX7B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	A synthesized peptide derived from human COX7B, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	COX7B Antibody detects endogenous levels of total COX7B.
Predicted Reactivity:	Pig,Bovine
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	COX7B
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## Target Details

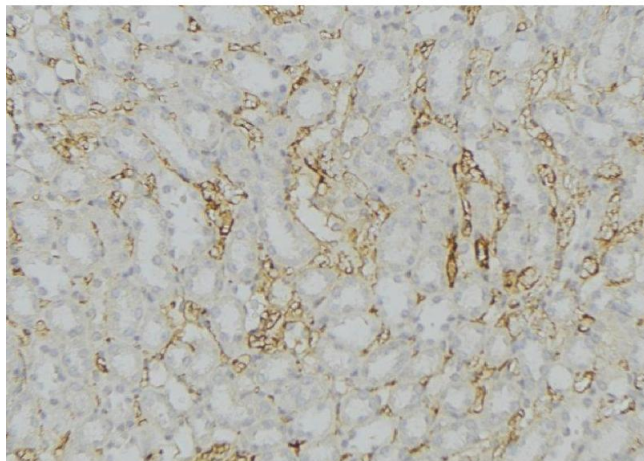
Alternative Name:	COX7B ( <a href="#">COX7B Products</a> )
Background:	<p>Description: This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport. Plays a role in proper central nervous system (CNS) development in vertebrates.</p> <p>Gene: COX7B</p>
Molecular Weight:	9 kDa
Gene ID:	1349
UniProt:	<a href="#">P24311</a>
Pathways:	<a href="#">Proton Transport</a>

## Application Details

Application Notes:	WB 1:1000-3000, IHC 1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

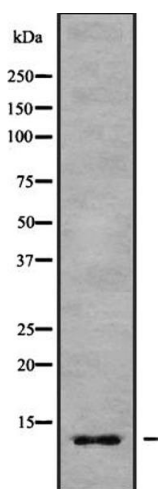
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



### Immunohistochemistry

**Image 1.** ABIN6272569 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



### Western Blotting

**Image 2.** Western blot analysis of COX7B using K562 whole cell lysates