

Datasheet for ABIN6260985  
**anti-COX17 antibody (N-Term)**

## 4 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	COX17
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX17 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human COX17, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	COX17 Antibody detects endogenous levels of total COX17.
Predicted Reactivity:	Pig,Bovine,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	COX17
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## Target Details

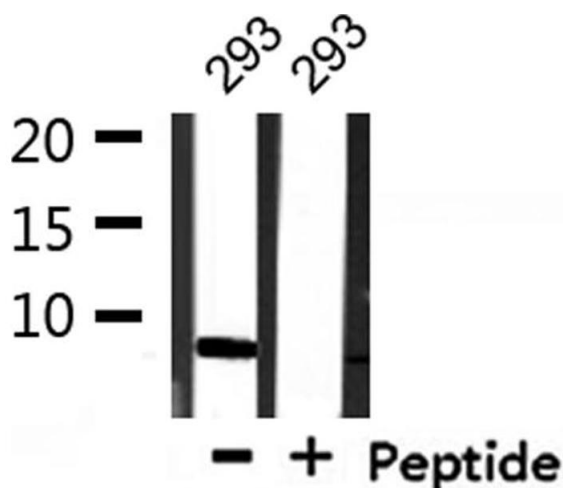
Alternative Name:	COX17 ( <a href="#">COX17 Products</a> )
Background:	<p>Description: Copper metallochaperone essential for the assembly of the mitochondrial respiratory chain complex IV (CIV), also known as cytochrome c oxidase. Binds two copper ions and delivers them to the metallochaperone SCO1 which transports the copper ions to the Cu(A) site on the cytochrome c oxidase subunit II (MT-CO2/COX2).</p> <p>Gene: COX17</p>
Molecular Weight:	7kDa
Gene ID:	10063
UniProt:	<a href="#">Q14061</a>

## Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

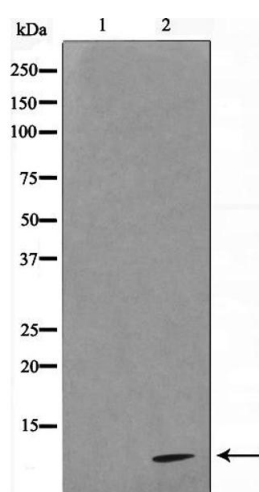
## Handling

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



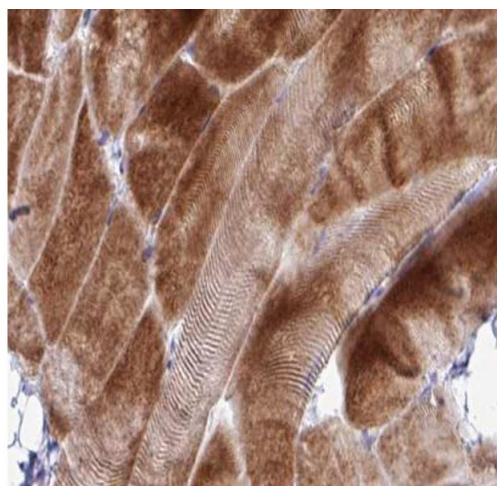
#### Western Blotting

**Image 1.** Western blot analysis of extracts from 293, using COX17 Antibody.



#### Western Blotting

**Image 2.** Western blot analysis on HeLa cell lysate using COX17 Antibody, The lane on the left is treated with the antigen-specific peptide.



#### Immunohistochemistry

**Image 3.** ABIN6266912 at 1/100 staining human skeletal muscle tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6260985.