

**COX17 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51111****Specification**

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**COX17 Antibody - Product Information**

Application	<b>WB, IP, ICC, IHC-P, E</b>
Primary Accession	<a href="#">Q14061</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>7 KDa</b>

**COX17 Antibody - Additional Information****Gene ID** 10063**Other Names**

Cytochrome c oxidase copper chaperone, COX17

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**COX17 Antibody - Protein Information****Name** COX17**Function**

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).

**Cellular Location**

Mitochondrion intermembrane space. Cytoplasm

**Tissue Location**

Ubiquitous..

**COX17 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **COX17 Antibody - Images**

#### **COX17 Antibody - Background**

Copper chaperone for cytochrome c oxidase (COX). Binds two copper ions and deliver them to the Cu(A) site of COX (By similarity).

#### **COX17 Antibody - References**

Amaravadi R., et al. Hum. Genet. 99:329-333(1997).  
Punter F.A., et al. Hum. Genet. 107:69-74(2000).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).