

**COX17 Antibody (aa1-50)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15110****Specification**

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**COX17 Antibody (aa1-50) - Product Information**

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">O14061</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>7kDa KDa</b>

**COX17 Antibody (aa1-50) - Additional Information****Gene ID** 10063**Other Names**

Cytochrome c oxidase copper chaperone, COX17

**Target/Specificity**

COX17 Antibody detects endogenous levels of total COX17 protein.

**Reconstitution & Storage**

Store at -20°C for up to one year.

**Precautions**

COX17 Antibody (aa1-50) is for research use only and not for use in diagnostic or therapeutic procedures.

**COX17 Antibody (aa1-50) - 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..

**Volume**

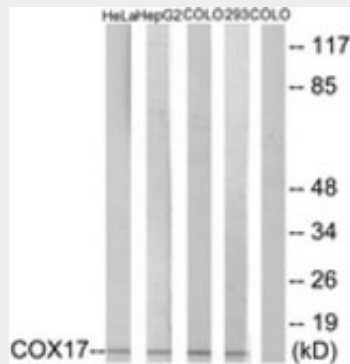
50 µl

## COX17 Antibody (aa1-50) - Protocols

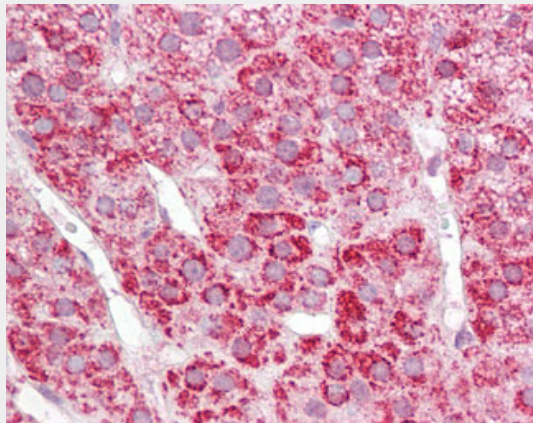
Provided below are standard protocols that you may find useful for product applications.

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

## COX17 Antibody (aa1-50) - Images



Western blot of extracts from HeLa/HepG2/COLO/293 cells, using COX17 Antibody.



Anti-COX17 antibody IHC of human adrenal.

## COX17 Antibody (aa1-50) - 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 (aa1-50) - 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).