

COX17 Polyclonal Antibody
Catalog # AP69254**Specification**

COX17 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q14061
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

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

COX17; Cytochrome c oxidase copper chaperone

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

COX17 Polyclonal 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 Polyclonal 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 Polyclonal Antibody - Images



COX17 Polyclonal Antibody - Background

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).