

COX17 Antibody (clone 4G2)
Mouse Monoclonal Antibody
Catalog # ALS13458**Specification**

COX17 Antibody (clone 4G2) - Product Information

Application	WB, IHC
Primary Accession	Q14061
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	7kDa KDa

COX17 Antibody (clone 4G2) - Additional Information**Gene ID** 10063**Other Names**

Cytochrome c oxidase copper chaperone, COX17

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

COX17 Antibody (clone 4G2) is for research use only and not for use in diagnostic or therapeutic procedures.

COX17 Antibody (clone 4G2) - 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

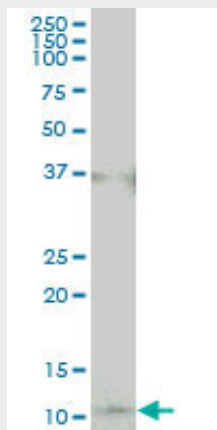
Ubiquitous..

COX17 Antibody (clone 4G2) - Protocols

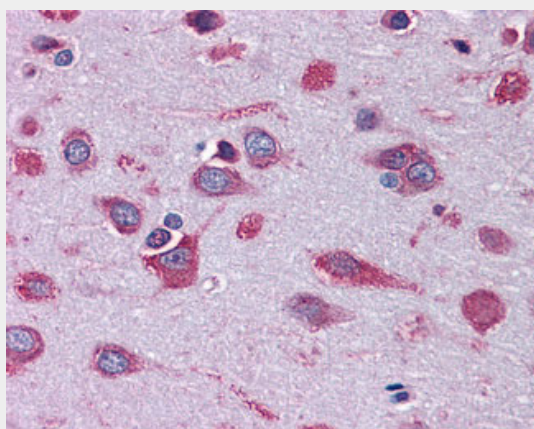
Provided below are standard protocols that you may find useful for product applications.

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

COX17 Antibody (clone 4G2) - Images



COX17 monoclonal antibody clone 4G2. Western blot of COX17 expression in IMR-32.



Anti-COX17 antibody IHC of human brain, cortex.

COX17 Antibody (clone 4G2) - 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 (clone 4G2) - 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).