

COX18 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13842

Product Information

Application	WB
Primary Accession	Q8N8Q8
Other Accession	NM_173827 , NP_776188
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37063

Additional Information

Gene ID	285521
Alias Symbol	COX18HS, FLJ38991, MGC126733
Other Names	Mitochondrial inner membrane protein COX18, COX18Hs, Cytochrome c oxidase assembly protein 18, COX18, OXA1L2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-COX18 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	COX18 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

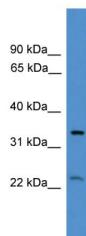
Protein Information

Name	COX18
Synonyms	OXA1L2
Function	Mitochondrial membrane insertase required for the translocation of the C-terminus of cytochrome c oxidase subunit II (MT- CO2/COX2) across the mitochondrial inner membrane. Plays a role in MT- CO2/COX2 maturation following the COX20-mediated stabilization of newly synthesized MT-CO2/COX2 protein and before the action of the metallochaperones SCO1/2. Essential for the assembly and stability of the mitochondrial respiratory chain complex IV (also known as cytochrome c oxidase).

References

Sacconi S.,et al.Biochem. Biophys. Res. Commun. 337:832-839(2005).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gaisne M.,et al.FEMS Yeast Res. 6:869-882(2006).

Images



WB Suggested Anti-COX18 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: ACHN cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.