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COX11 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20946c

Product Information

Application	WB, E
Primary Accession	Q9Y6N1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB43555
Calculated MW	31430

Additional Information

Gene ID	1353
Other Names	Cytochrome c oxidase assembly protein COX11, mitochondrial, COX11
Target/Specificity	This COX11 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 262-296 amino acids from the C-terminal region of human COX11.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	COX11 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	COX11
Function	Assembly factor for cytochrome c oxidase (respiratory chain complex IV, CIV) (PubMed:35750769). Probably acts as a metallochaperone that delivers copper to the copper B site of COX1 (PubMed:35750769).
Cellular Location	Mitochondrion inner membrane; Single-pass membrane protein;

Intermembrane side

Tissue Location Ubiquitous..

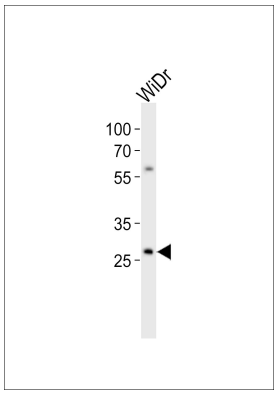
Background

Exerts its effect at some terminal stage of cytochrome c oxidase synthesis, probably by being involved in the insertion of the copper B into subunit I (By similarity).

References

Petruzzella V.,et al.Genomics 54:494-504(1998).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Zody M.C.,et al.Nature 440:1045-1049(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Yu W.,et al.Genome Res. 7:353-358(1997).

Images



Western blot analysis of lysate from WiDr cell line, using COX11 Antibody (C-term)(Cat. #AP20946c). AP20946c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

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