

COX11 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20946c

Product Information

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|--------------------------|------------------------|
| Application | WB, E |
| Primary Accession | Q9Y6N1 |
| Reactivity | Human, Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Clone Names | RB43555 |
| Calculated MW | 31430 |

Additional Information

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|---------------------------|--|
| 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

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| 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).

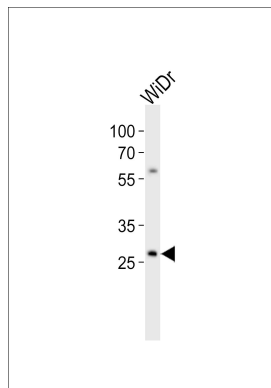
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

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'.