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# COX41 Antibody

货号: **AYP5654**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ELISA
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	19kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,Mouse liver,Rat brain
细胞定位	Mitochondrion inner membrane
纯化	Affinity purification

## 抗原信息

抗原信息	Synthesized peptide derived from Human COX41.
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## 靶点信息

研究背景	Cytochrome c oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-subunit enzyme complex that couples the transfer of electrons from cytochrome c to molecular oxygen and contributes to a proton electrochemical gradient across the inner mitochondrial membrane. The complex consists of 13 mitochondrial- and nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer and proton pumping activities. The functions of the nuclear-encoded subunits are unknown but they may play a role in the regulation and assembly of the complex. This gene encodes the nuclear-encoded subunit IV isoform 1 of the human mitochondrial respiratory chain enzyme. It is located at the 3' of the NOC4 (neighbor of COX4) gene in a head-to-head orientation, and shares a promoter with it. Pseudogenes related to this gene are located on chromosomes 13 and 14. Alternative splicing results in multiple transcript variants encoding different isoforms.
基因ID	1327
基因名	COX41
Swiss	P13073 ( <a href="https://www.uniprot.org/uniprotkb/P13073/entry">https://www.uniprot.org/uniprotkb/P13073/entry</a> )
别名	COX41, COX IV-1, COX4, COX4-1, COXIV, COXIV-1, COX IV, COX41 Antibody, Cytochrome c oxidase polypeptide IV, Cytochrome c oxidase subunit IV isoform 1, COX41

## 产品验证

## 实验步骤

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