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# COX15 Rabbit pAb

货号: **AYP18854**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:100 <b>IF/ICC:</b> 1:50 - 1:100
理论分子量	43kDa/46kDa
实测分子量	60kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-251MG,A-431,Jurkat,Mouse heart,Mouse kidney,Mouse lung,Rat testis
细胞定位	Mitochondrion membrane,Multi-pass membrane protein
纯化	Affinity purification

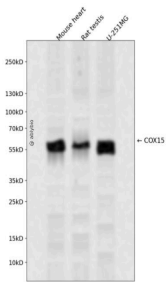
## 抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human COX15 (NP_510870.1).
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## 靶点信息

研究背景	Cytochrome c oxidase (COX), the terminal component of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. This component is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes a protein which is not a structural subunit, but may be essential for the biogenesis of COX formation and may function in the hydroxylation of heme O, according to the yeast mutant studies. This protein is predicted to contain 5 transmembrane domains localized in the mitochondrial inner membrane. Alternative splicing of this gene generates two transcript variants diverging in the 3' region.
基因ID	1355
基因名	COX15
Swiss	Q7KZN9 ( <a href="https://www.uniprot.org/uniprotkb/Q7KZN9/entry">https://www.uniprot.org/uniprotkb/Q7KZN9/entry</a> )
别名	COX15,CEMCOX2,COX15 Rabbit pAb,Cytochrome c oxidase assembly protein COX15 homolog

## 产品验证



Western blot analysis of COX15 expressed in Mouse heart,Rat testis,U-251MG using COX15 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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